

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083207.D
 Acq On : 23 Nov 2015 16:44
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 24 04:31:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190621	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	748785	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	370899	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	692529	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	591567	20.00	ng	-0.02
86) Perylene-d12	15.14	264	522470	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1046373	82.99	ng	-0.05
7) Phenol-d6	6.31	99	1324060	81.16	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1297681	79.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	285358	75.20	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2021095	75.99	ng	-0.01
78) Terphenyl-d14	12.74	244	1923353	76.56	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.09	88	221124	35.40 ng	94
4) n-Nitrosodimethylamine	2.70	42	365363	48.02 ng	91
6) Aniline	6.31	93	946797	47.49 ng	93
8) 2-Chlorophenol	6.43	128	559628	41.08 ng	90
9) Benzaldehyde	6.18	77	339763	42.23 ng	98
10) Phenol	6.32	94	790621	40.06 ng	87
11) bis(2-Chloroethyl)ether	6.39	93	619657	43.97 ng	99
12) 1,3-Dichlorobenzene	6.81	146	547521	35.20 ng	98
13) 1,4-Dichlorobenzene	6.66	146	620020	39.41 ng	92
14) 1,2-Dichlorobenzene	6.81	146	557403	38.98 ng	98
15) Benzyl Alcohol	6.80	79	505436	37.08 ng	93
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1041385	47.39 ng	# 64
17) 2-Methylphenol	6.92	107	448444	39.78 ng	95
18) Hexachloroethane	7.15	117	224430	40.50 ng	89
19) n-Nitroso-di-n-propylamine	7.07	70	472119	41.58 ng	99
20) 3+4-Methylphenols	7.08	107	608006	42.67 ng	96
22) Acetophenone	7.06	105	808643	37.62 ng	# 97
24) Nitrobenzene	7.23	77	704849	40.26 ng	100
25) Isophorone	7.47	82	1203211	38.78 ng	97
26) 2-Nitrophenol	7.55	139	305753	39.55 ng	97
27) 2,4-Dimethylphenol	7.61	122	490176	39.73 ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	667437	37.00 ng	99
29) 2,4-Dichlorophenol	7.80	162	470379	40.09 ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	482015	37.40 ng	96
31) Naphthalene	7.95	128	1580502	39.11 ng	99
32) Benzoic acid	7.77	122	395599	41.26 ng	99
33) 4-Chloroaniline	8.01	127	643688	41.05 ng	97
34) Hexachlorobutadiene	8.08	225	294738	38.70 ng	98
35) Caprolactam	8.40	113	149123	39.66 ng	95
36) 4-Chloro-3-methylphenol	8.51	107	516020	37.97 ng	92
37) 2-Methylnaphthalene	8.64	142	954015	36.38 ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	468869	39.00 ng	99
40) Hexachlorocyclopentadiene	8.80	237	238764	34.93 ng	99
42) 2,4,6-Trichlorophenol	8.94	196	331243	38.47 ng	97

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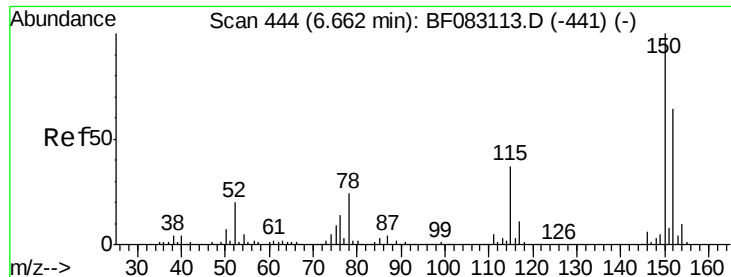
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 24 04:31:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	8.97	196	329655	37.45	ng	# 82
45) 1,1'-Biphenyl	9.11	154	1188604	37.65	ng	97
46) 2-Chloronaphthalene	9.13	162	976236	39.37	ng	96
47) 2-Nitroaniline	9.23	65	360148	41.06	ng	97
48) Acenaphthylene	9.54	152	1549787	40.33	ng	99
49) Dimethylphthalate	9.43	163	1098912	38.48	ng	# 98
50) 2,6-Dinitrotoluene	9.47	165	235279	36.72	ng	96
51) Acenaphthene	9.71	154	908315	38.84	ng	100
52) 3-Nitroaniline	9.64	138	264929	38.78	ng	# 62
53) 2,4-Dinitrophenol	9.75	184	134405	36.41	ng	87
54) Dibenzofuran	9.88	168	1279069	38.68	ng	99
55) 4-Nitrophenol	9.84	139	201642	38.49	ng	# 68
56) 2,4-Dinitrotoluene	9.87	165	309399	38.11	ng	98
57) Fluorene	10.23	166	1088917	39.85	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	276864	38.34	ng	98
59) Diethylphthalate	10.11	149	1023432	36.01	ng	97
60) 4-Chlorophenyl-phenylether	10.23	204	454125	36.28	ng	# 78
61) 4-Nitroaniline	10.26	138	290896	43.25	ng	94
62) Azobenzene	10.38	77	1254905	38.68	ng	96
64) 4,6-Dinitro-2-methylphenol	10.28	198	197044	41.29	ng	86
65) n-Nitrosodiphenylamine	10.34	169	887101	37.66	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	295795	38.49	ng	91
67) Hexachlorobenzene	10.78	284	313770	37.08	ng	# 79
68) Atrazine	10.88	200	273374	39.97	ng	98
69) Pentachlorophenol	10.97	266	205817	37.34	ng	99
70) Phenanthrene	11.18	178	1499228	37.58	ng	100
71) Anthracene	11.23	178	1610613	39.57	ng	99
72) Carbazole	11.39	167	1488343	41.13	ng	99
73) Di-n-butylphthalate	11.74	149	1613246	36.53	ng	# 97
74) Fluoranthene	12.35	202	1562101	38.25	ng	97
76) Benzidine	12.49	184	769407	49.62	ng	99
77) Pyrene	12.58	202	1543458	38.19	ng	99
79) Butylbenzylphthalate	13.22	149	729255	38.13	ng	# 86
80) Benzo(a)anthracene	13.77	228	1471766	40.23	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	510887	40.12	ng	100
82) Chrysene	13.81	228	1189796	35.07	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	923250	36.96	ng	# 97
84) Di-n-octyl phthalate	14.39	149	1569549	36.50	ng	96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1200269	38.89	ng	96
87) Benzo(b)fluoranthene	14.80	252	2467534	69.12	ng	# 96
88) Benzo(k)fluoranthene	14.80	252	2467534	92.77	ng	# 98
89) Benzo(a)pyrene	15.09	252	1136609	38.56	ng	# 93
90) Dibenzo(a,h)anthracene	16.41	278	1006636	37.60	ng	# 95
91) Benzo(g,h,i)perylene	16.78	276	984616	37.67	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

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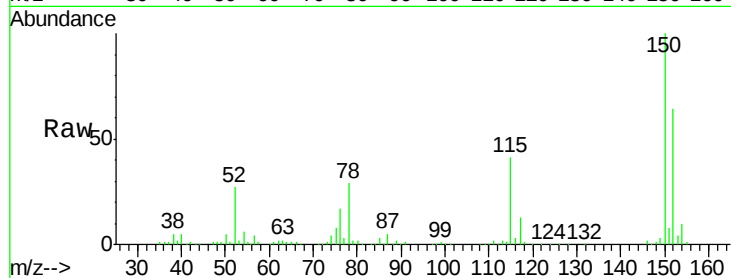
Tgt Ion:152 Resp: 190621

Ion Ratio Lower Upper

152 100

150 157.3 125.8 188.8

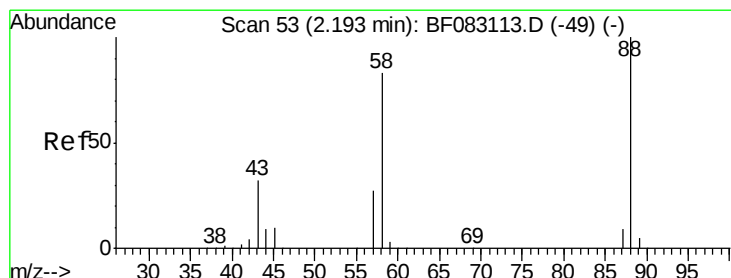
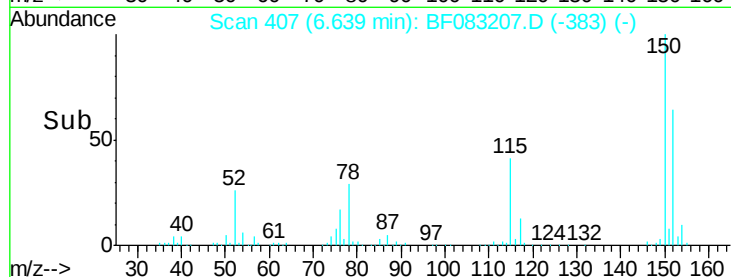
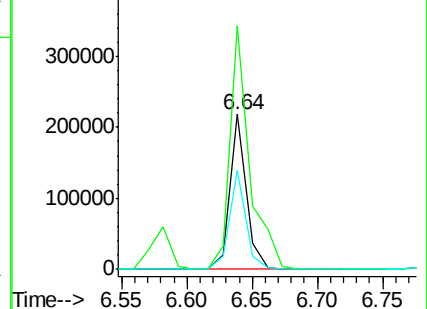
115 64.2 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.40 ng

RT: 2.09 min Scan# 9

Delta R.T. -0.10 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

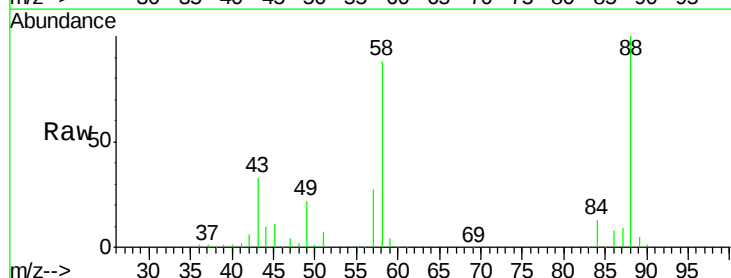
Tgt Ion: 88 Resp: 221124

Ion Ratio Lower Upper

88 100

58 86.8 65.0 97.6

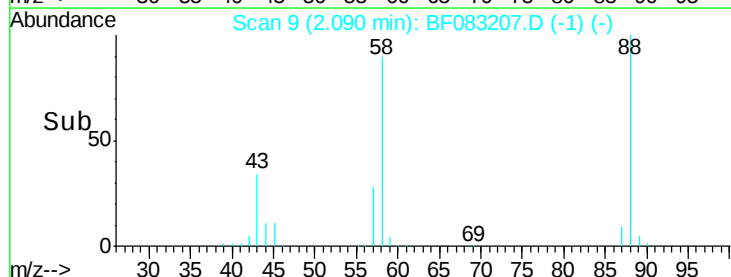
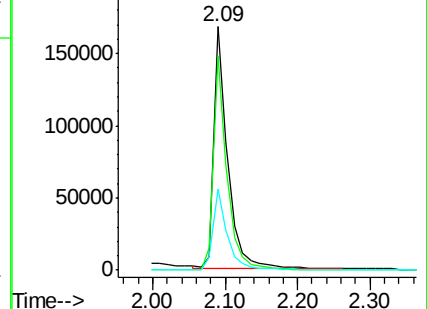
43 34.0 24.7 37.1

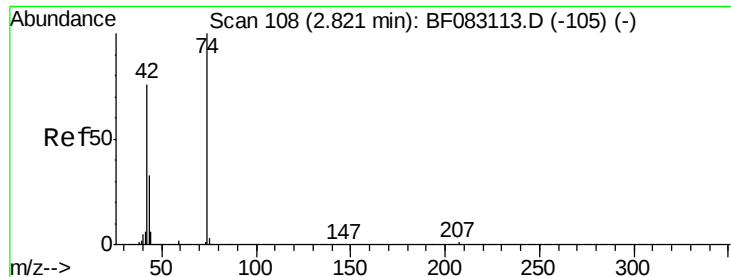


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 48.02 ng

RT: 2.70 min Scan# 62

Delta R.T. -0.13 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

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SSTDCCC040

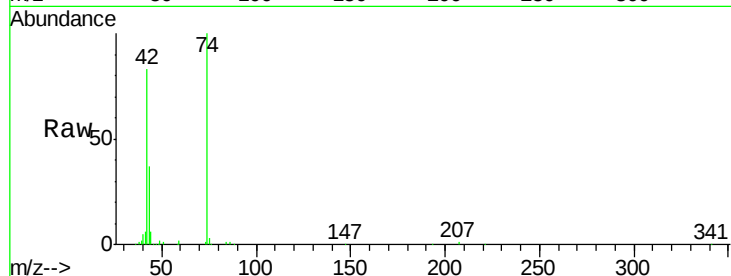
Tgt Ion: 42 Resp: 365363

Ion Ratio Lower Upper

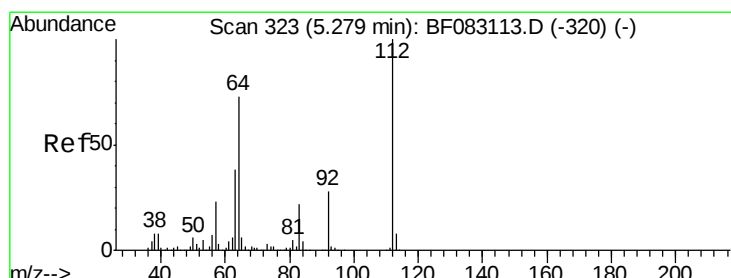
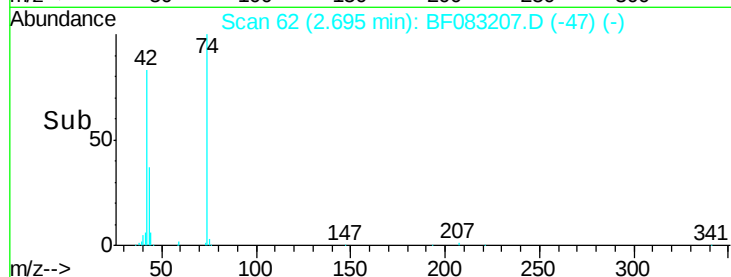
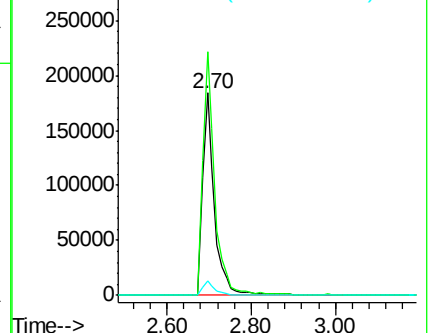
42 100

74 120.2 104.8 157.2

44 7.4 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 82.99 ng

RT: 5.23 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

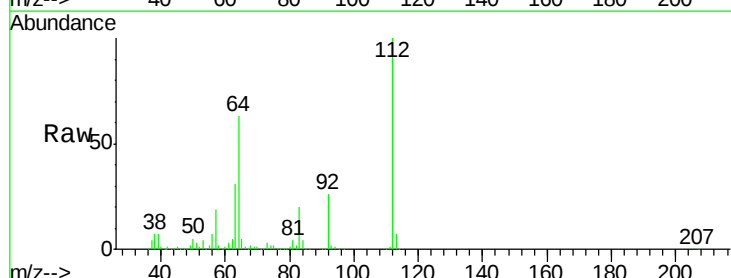
Tgt Ion: 112 Resp: 1046373

Ion Ratio Lower Upper

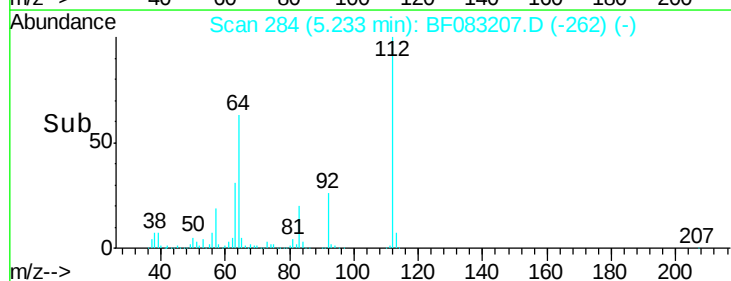
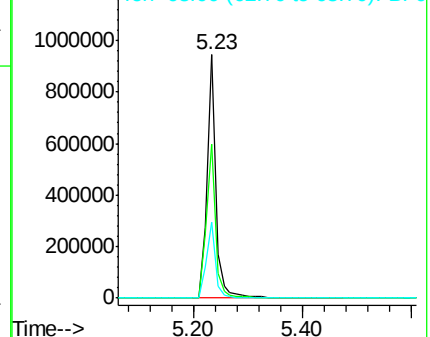
112 100

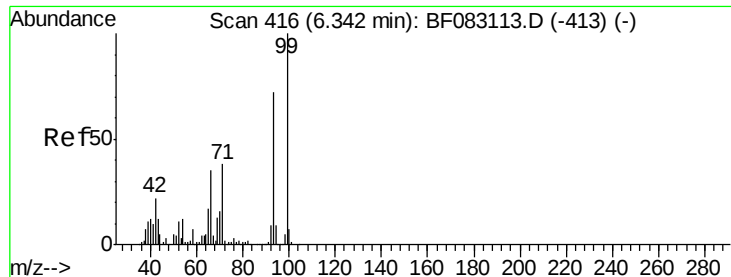
64 63.1 58.4 87.6

63 31.2 30.0 45.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 47.49 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

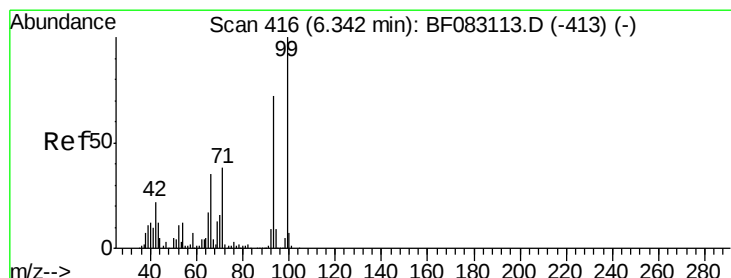
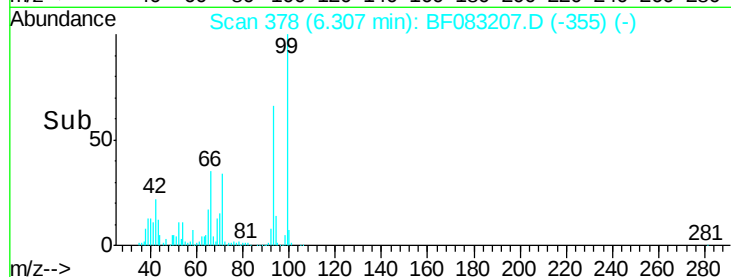
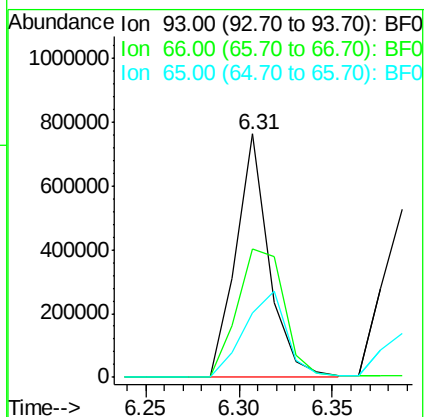
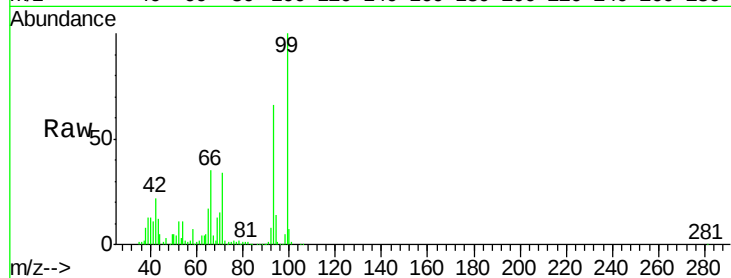
Tgt Ion: 93 Resp: 946797

Ion Ratio Lower Upper

93 100

66 52.9 38.7 58.1

65 26.5 18.6 27.8



#7

Phenol-d6

Concen: 81.16 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

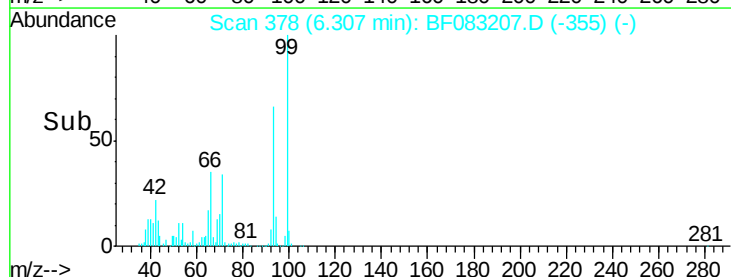
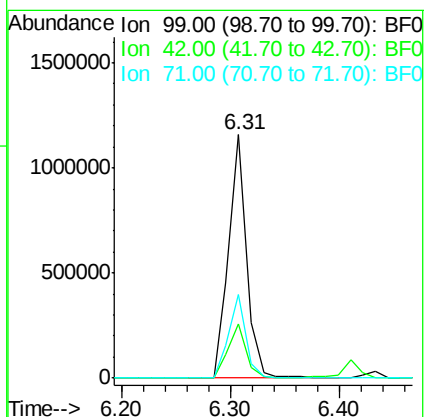
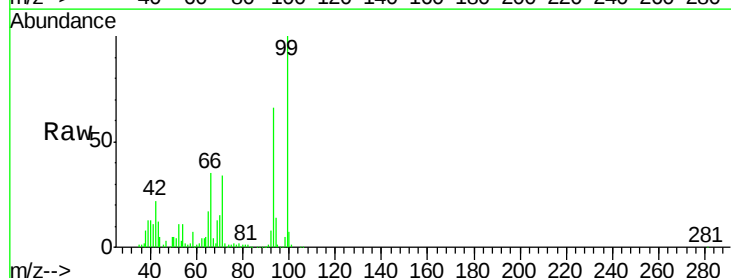
Tgt Ion: 99 Resp: 1324060

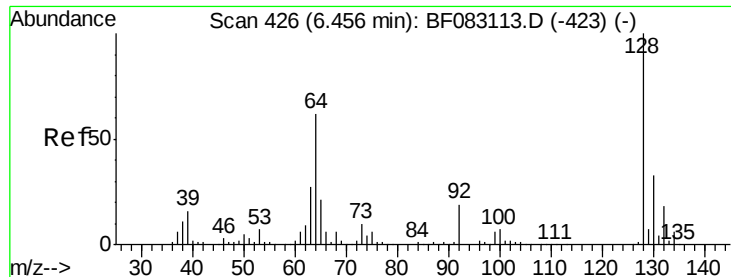
Ion Ratio Lower Upper

99 100

42 22.4 17.7 26.5

71 34.2 30.2 45.4

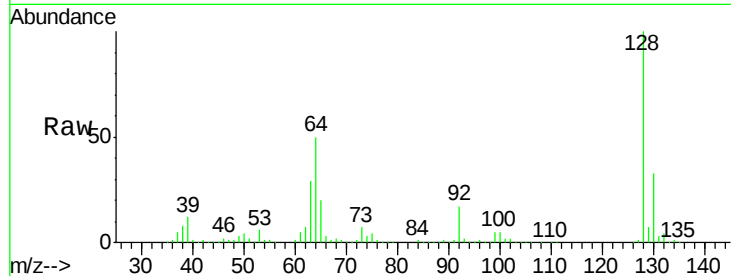




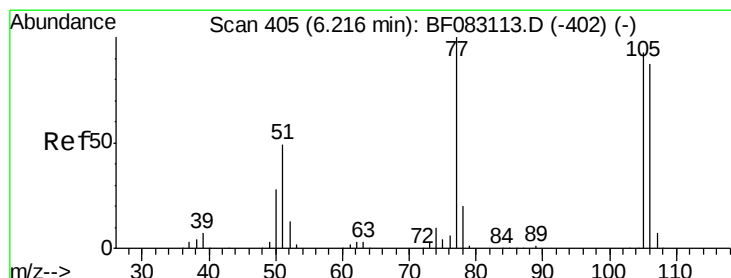
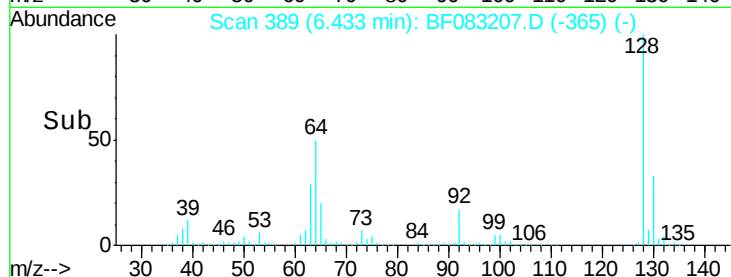
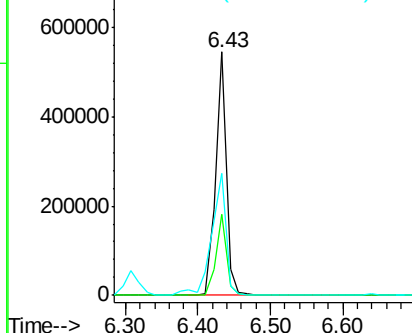
#8
2-Chlorophenol
Concen: 41.08 ng
RT: 6.43 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 128 Resp: 559628
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 50.1 41.9 81.9

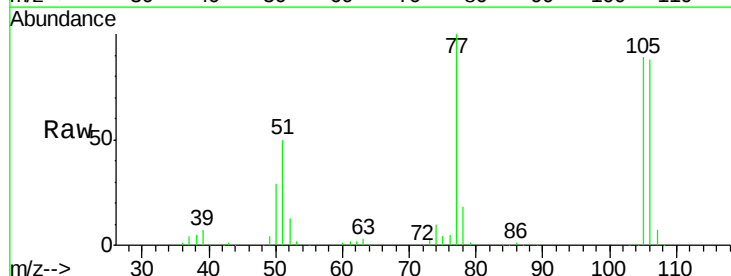


Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): B

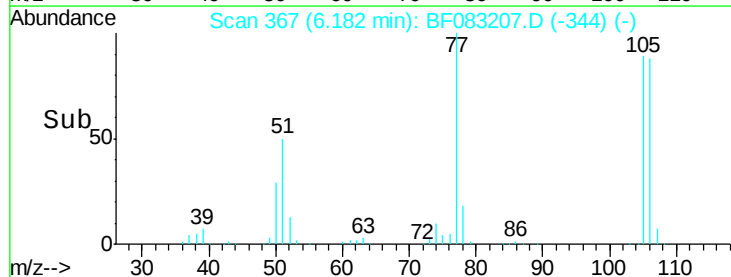
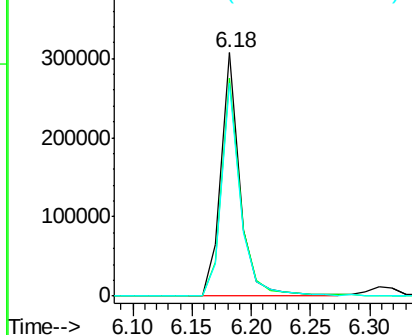


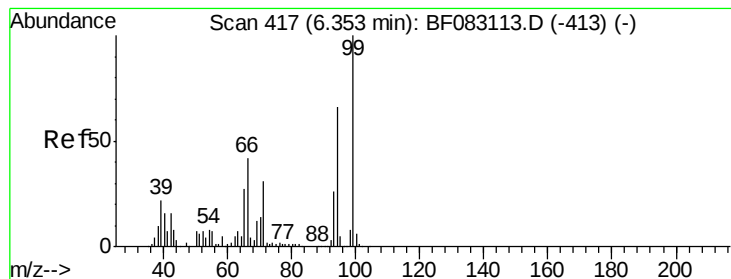
#9
Benzaldehyde
Concen: 42.23 ng
RT: 6.18 min Scan# 367
Delta R.T. -0.03 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion: 77 Resp: 339763
Ion Ratio Lower Upper
77 100
105 89.5 73.4 113.4
106 87.6 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 40.06 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

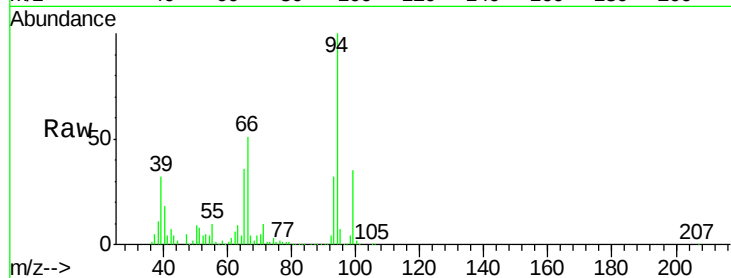
Tgt Ion: 94 Resp: 790621

Ion Ratio Lower Upper

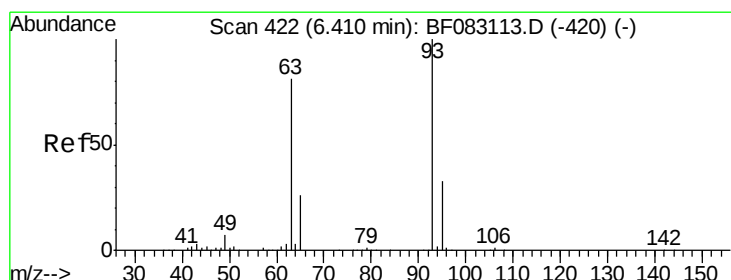
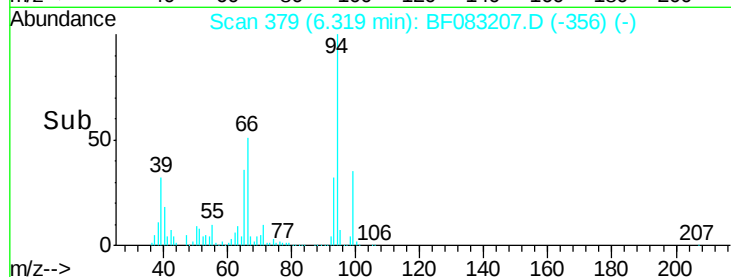
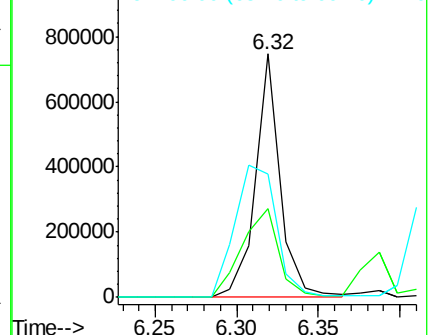
94 100

65 36.2 21.1 61.1

66 50.7 43.1 83.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 43.97 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

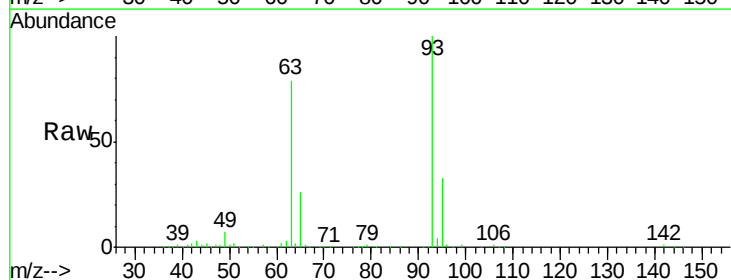
Tgt Ion: 93 Resp: 619657

Ion Ratio Lower Upper

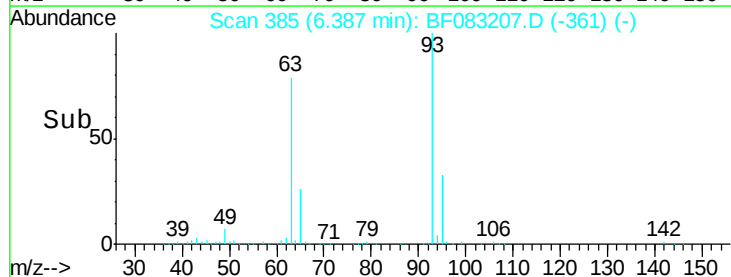
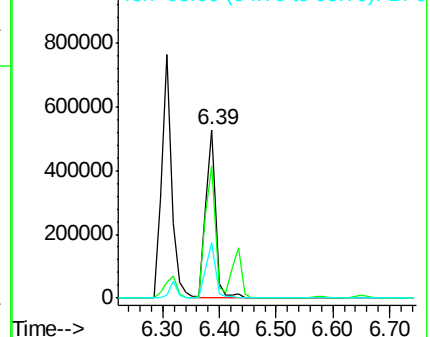
93 100

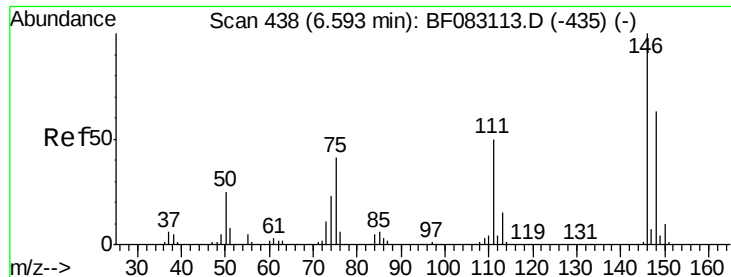
63 78.7 59.8 99.8

95 32.7 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 35.20 ng

RT: 6.81 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

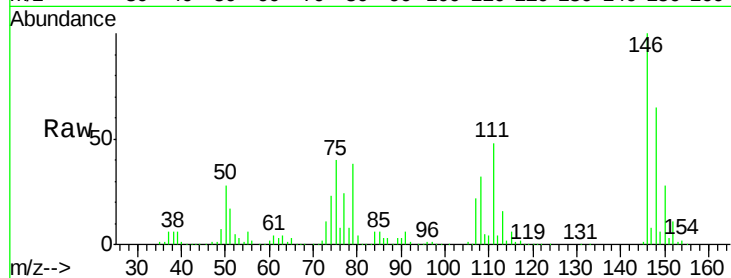
Tgt Ion:146 Resp: 547521

Ion Ratio Lower Upper

146 100

148 65.3 50.2 75.2

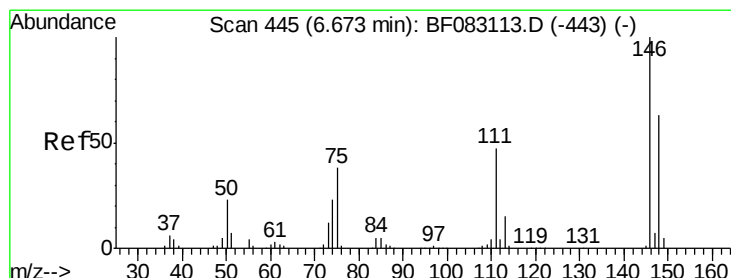
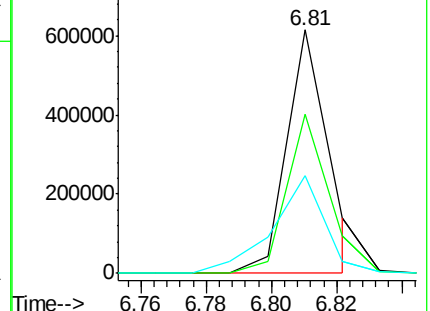
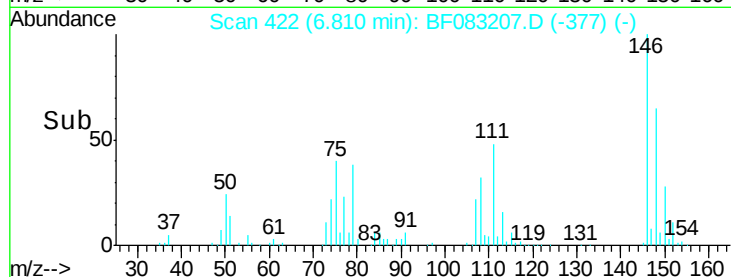
75 40.3 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 39.41 ng

RT: 6.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

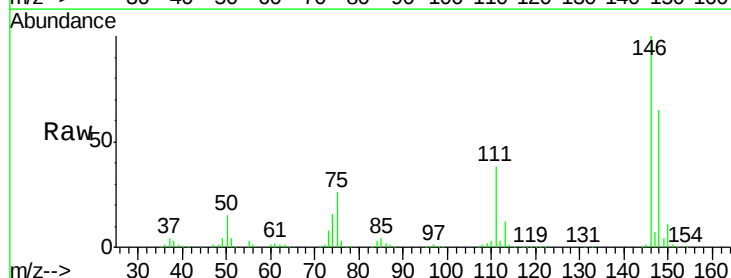
Tgt Ion:146 Resp: 620020

Ion Ratio Lower Upper

146 100

148 65.5 50.2 75.2

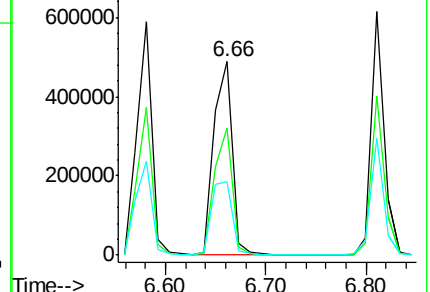
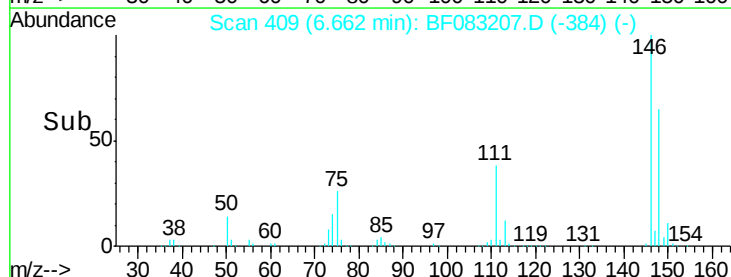
111 37.7 37.5 56.3

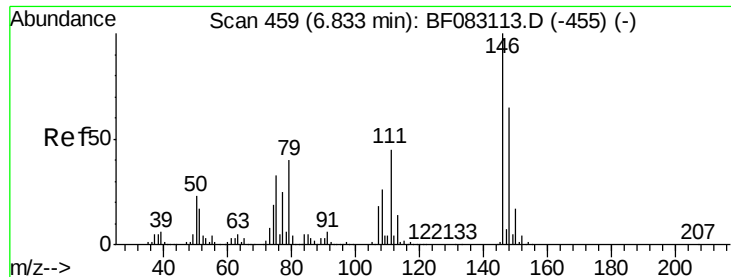


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 38.98 ng

RT: 6.81 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

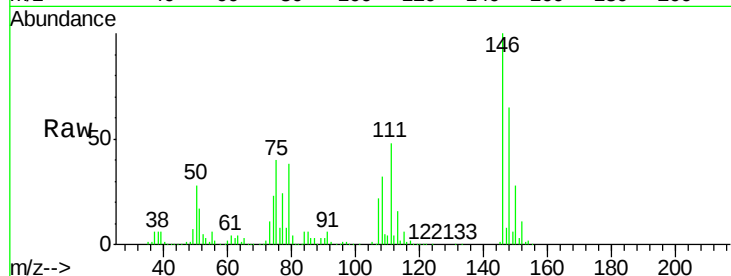
Tgt Ion:146 Resp: 557403

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.6

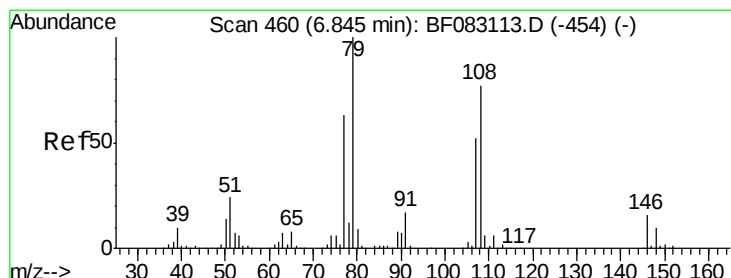
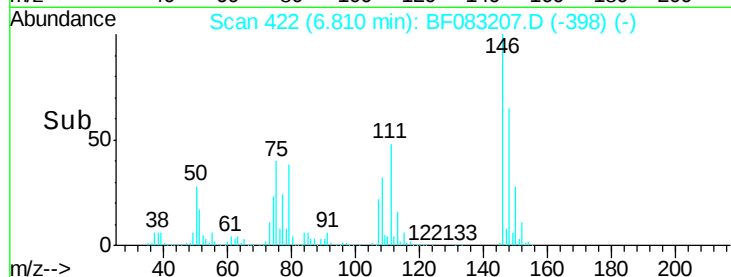
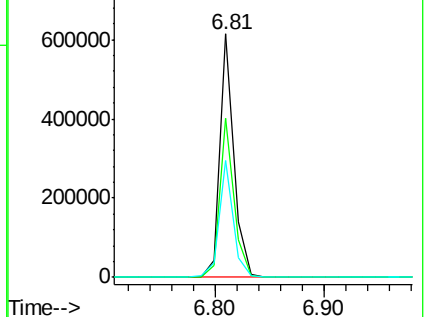
111 48.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 37.08 ng

RT: 6.80 min Scan# 421

Delta R.T. -0.05 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

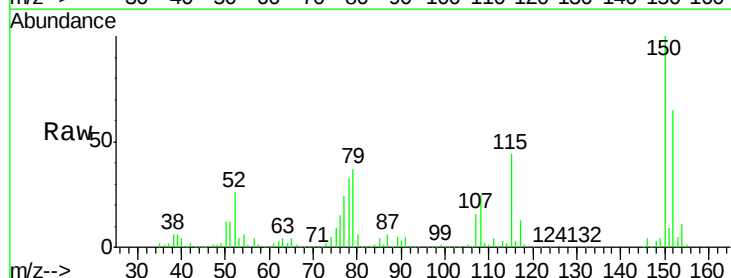
Tgt Ion: 79 Resp: 505436

Ion Ratio Lower Upper

79 100

108 67.5 61.4 92.2

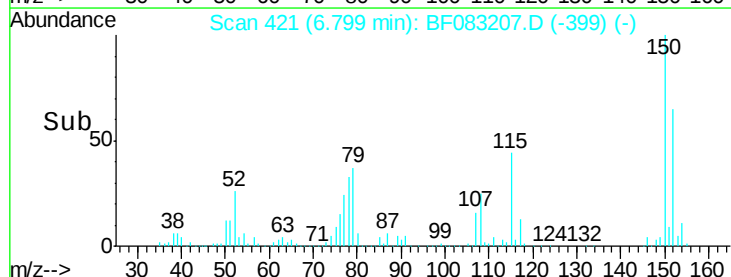
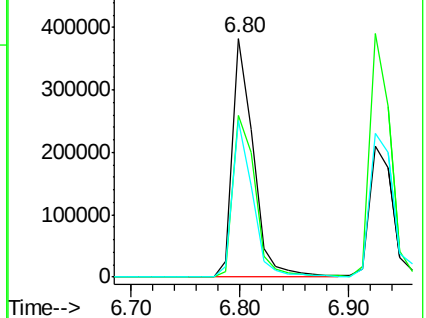
77 65.6 50.5 75.7

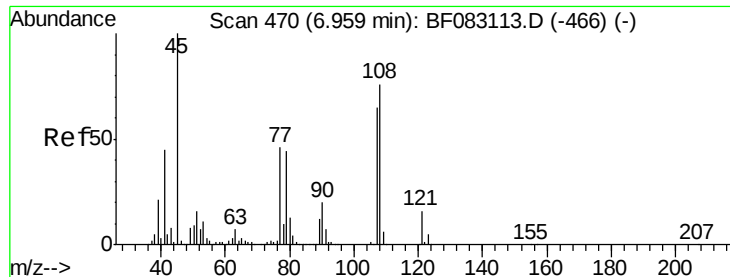


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

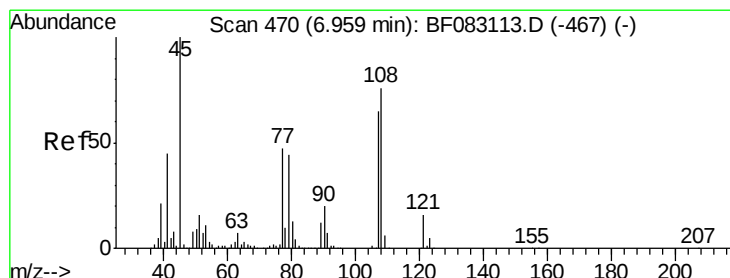
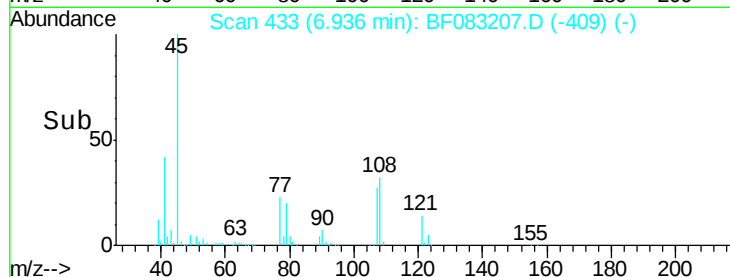
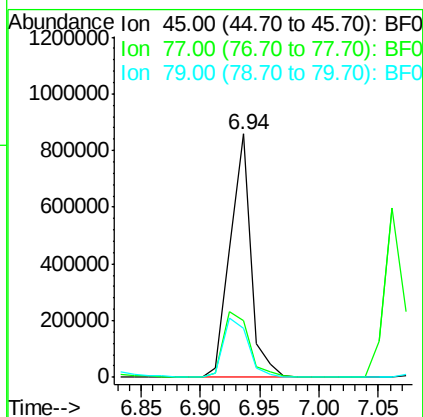
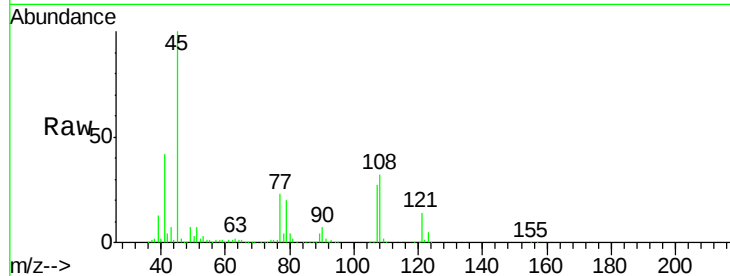




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.39 ng
RT: 6.94 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

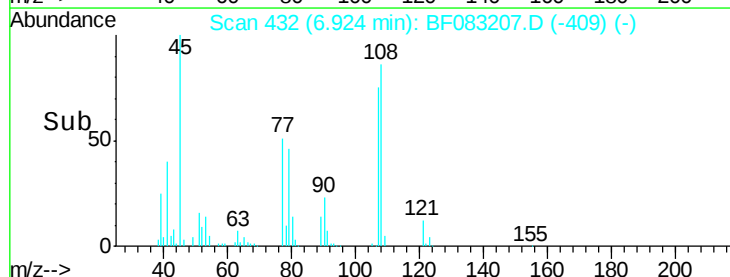
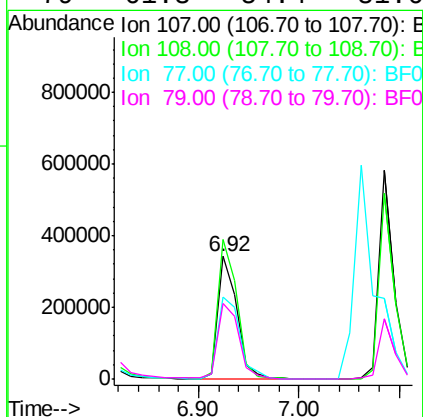
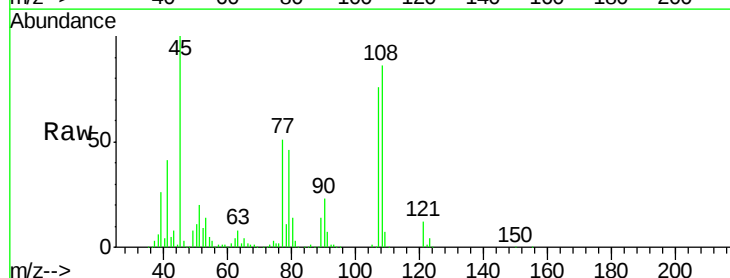
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

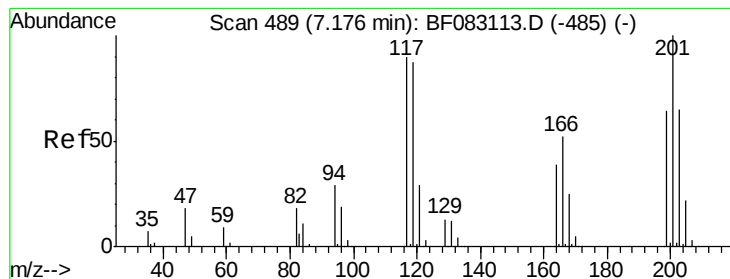
Tgt Ion: 45 Resp: 1041385
Ion Ratio Lower Upper
45 100
77 23.4 26.7 66.7#
79 20.4 24.3 64.3#



#17
2-Methylphenol
Concen: 39.78 ng
RT: 6.92 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion: 107 Resp: 448444
Ion Ratio Lower Upper
107 100
108 114.3 93.8 140.6
77 67.4 57.4 86.0
79 61.3 54.4 81.6





#18

Hexachloroethane

Concen: 40.50 ng

RT: 7.15 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

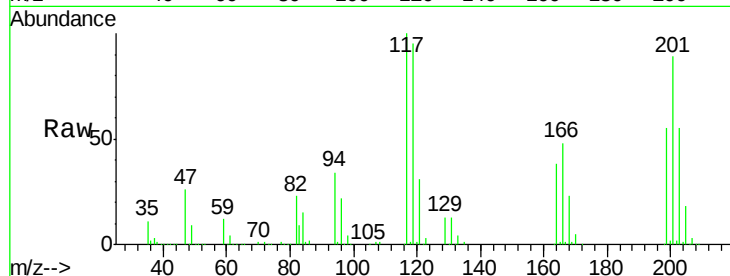
Tgt Ion: 117 Resp: 224430

Ion Ratio Lower Upper

117 100

119 95.3 76.8 115.2

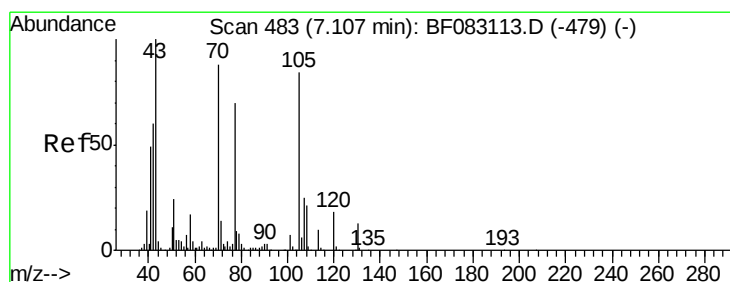
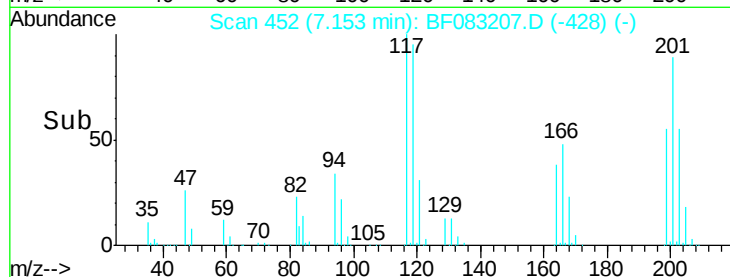
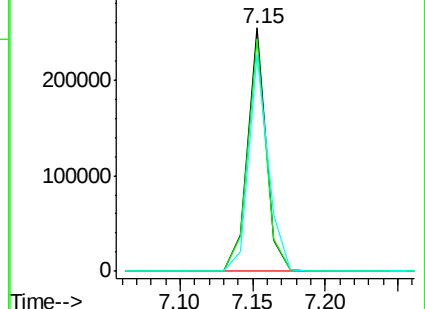
201 89.2 88.6 133.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 41.58 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Tgt Ion: 70 Resp: 472119

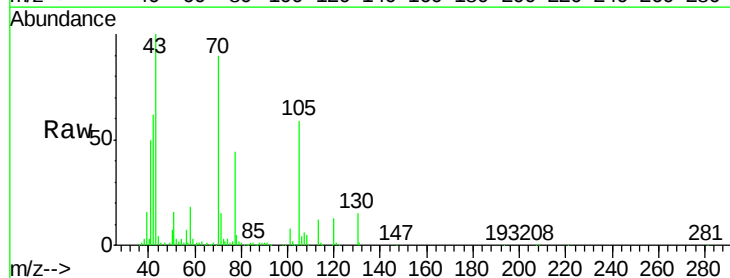
Ion Ratio Lower Upper

70 100

42 68.5 54.5 81.7

101 8.6 6.6 9.8

130 16.3 11.5 17.3

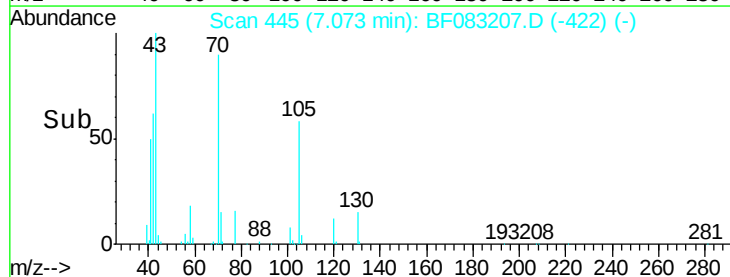
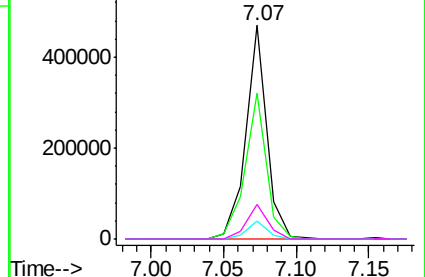


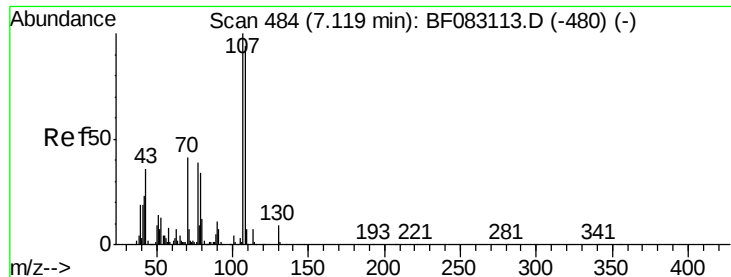
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.67 ng

RT: 7.08 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 608006

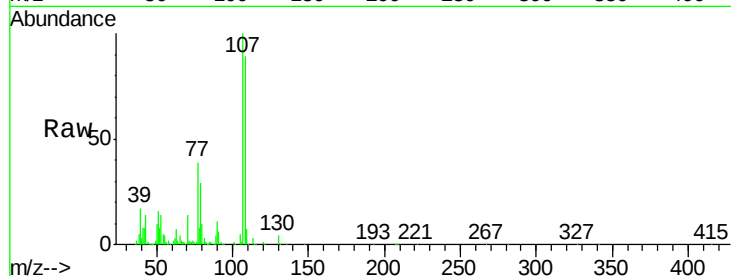
Ion Ratio Lower Upper

107 100

108 89.4 73.8 113.8

77 38.6 19.1 59.1

79 29.1 13.7 53.7

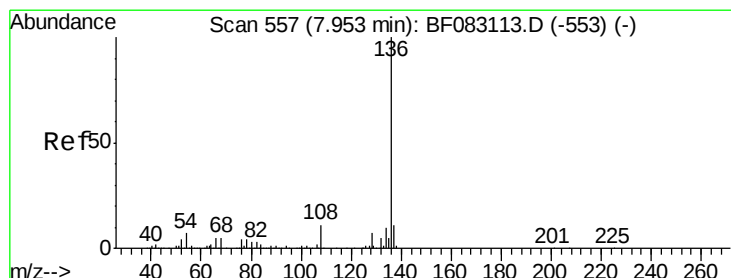
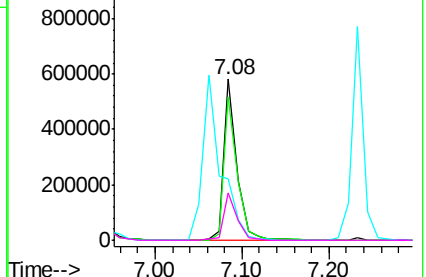
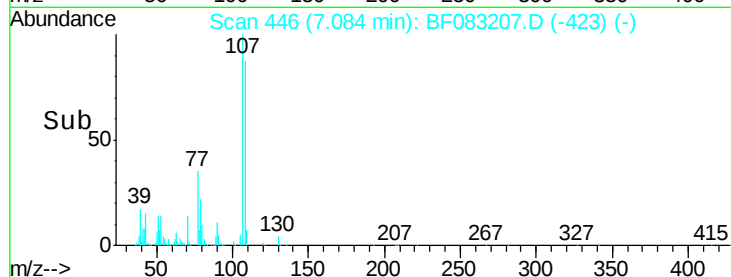


Abundance Ion 107.00 (106.70 to 107.70): E

1200000 Ion 108.00 (107.70 to 108.70): E

1000000 Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Tgt Ion:136 Resp: 748785

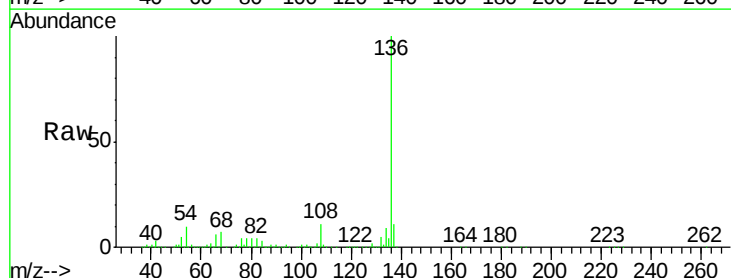
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.1 5.8 8.6#

68 7.0 3.8 5.8#

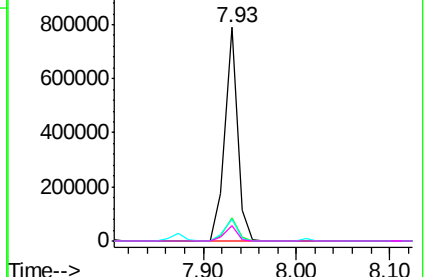
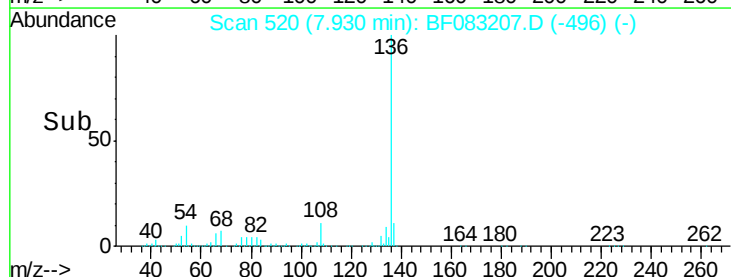


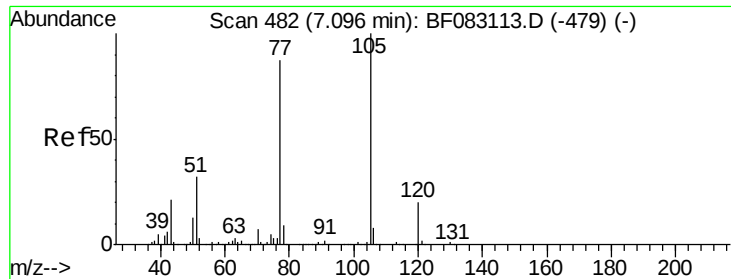
Abundance Ion 136.00 (135.70 to 136.70): E

1200000 Ion 137.00 (136.70 to 137.70): E

1000000 Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 37.62 ng

RT: 7.06 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:105 Resp: 808643

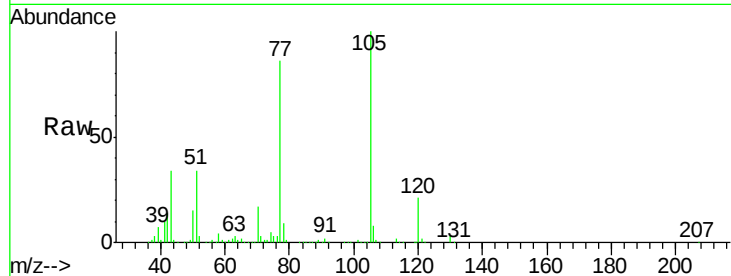
Ion Ratio Lower Upper

105 100

71 2.9 1.0 1.4#

51 34.0 25.6 38.4

120 20.9 15.8 23.6

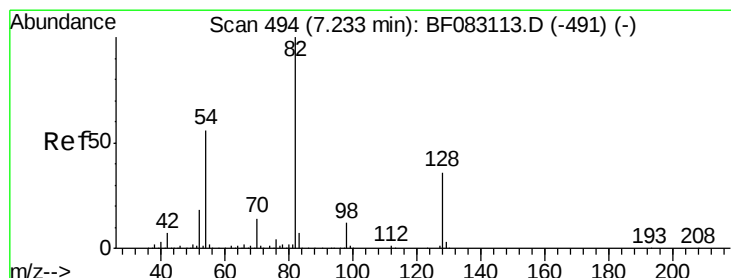
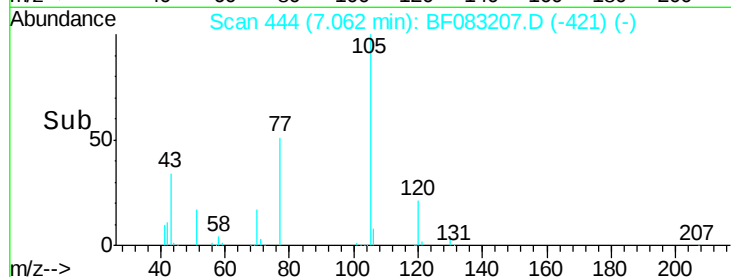
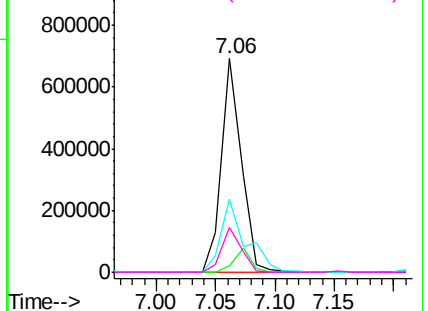


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.19 ng

RT: 7.21 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

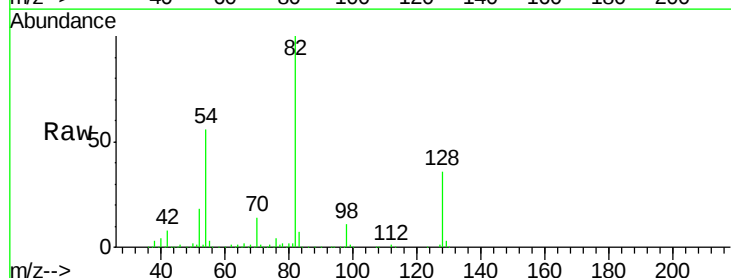
Tgt Ion: 82 Resp: 1297681

Ion Ratio Lower Upper

82 100

128 36.5 28.5 42.7

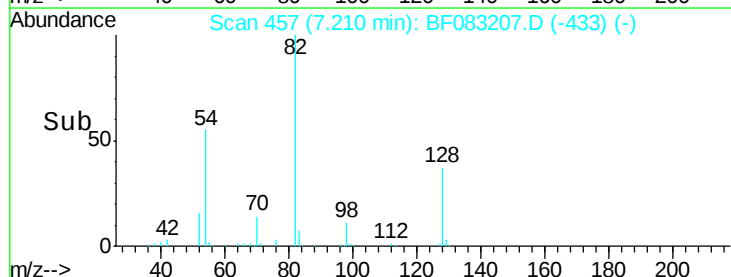
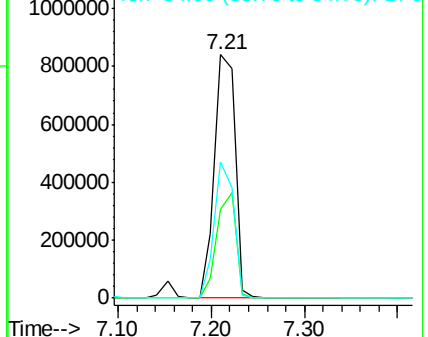
54 56.1 44.6 67.0

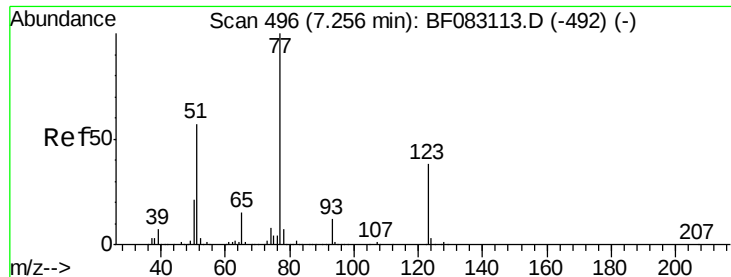


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 40.26 ng

RT: 7.23 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

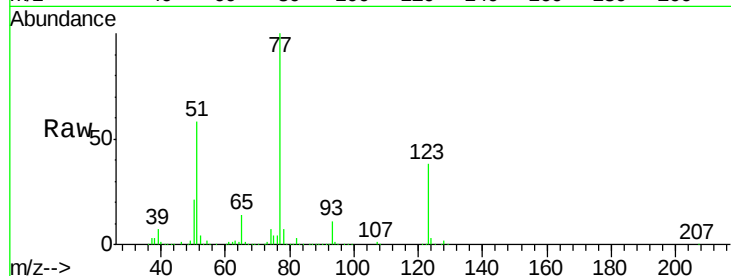
Tgt Ion: 77 Resp: 704849

Ion Ratio Lower Upper

77 100

123 37.5 30.1 45.1

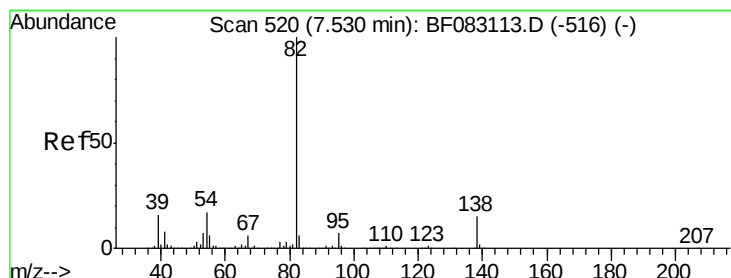
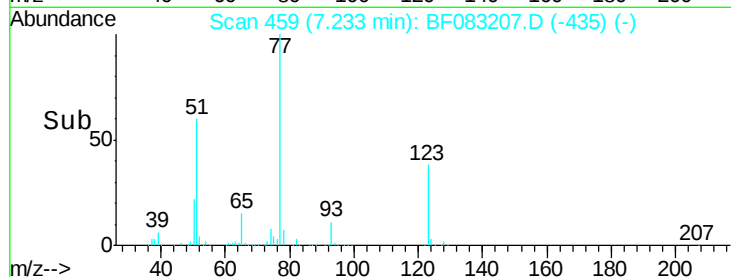
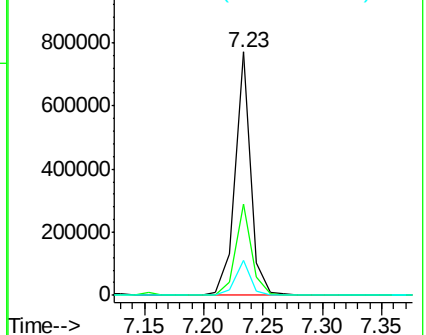
65 14.4 11.6 17.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 38.78 ng

RT: 7.47 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

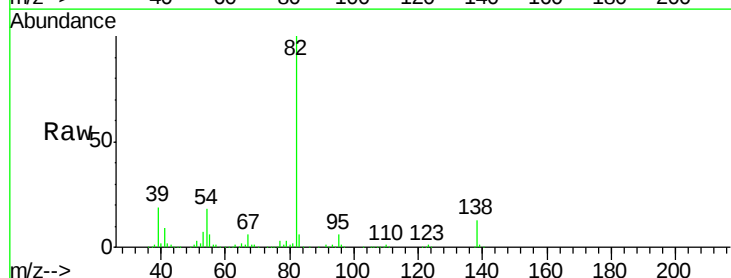
Tgt Ion: 82 Resp: 1203211

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.8

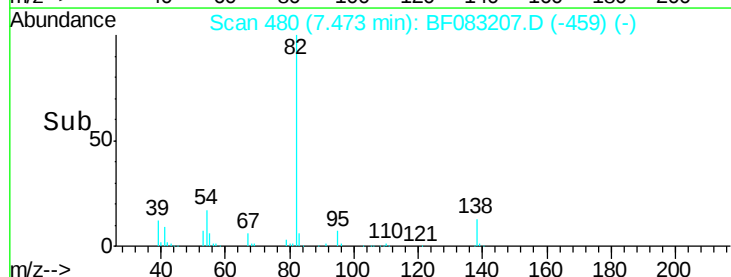
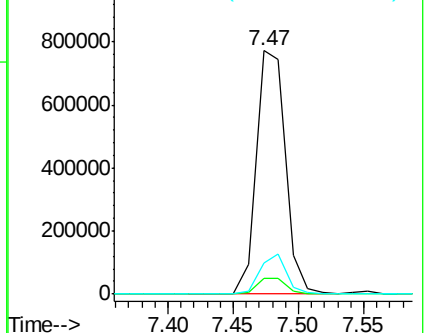
138 12.9 11.6 17.4

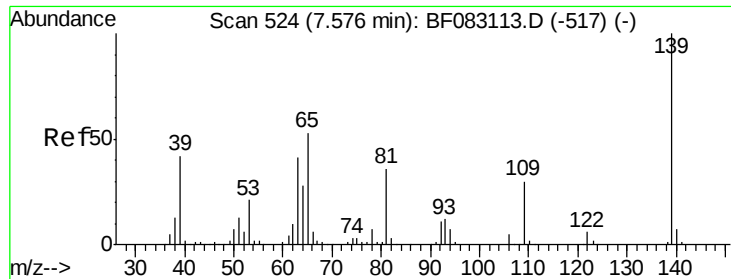


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

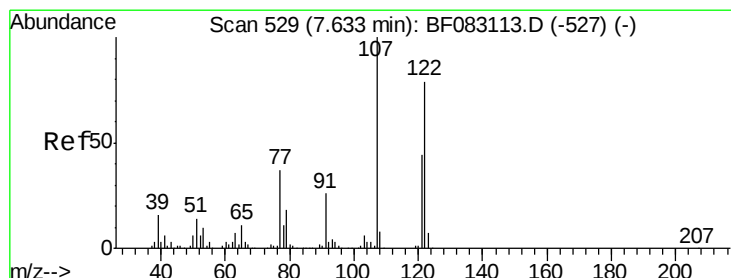
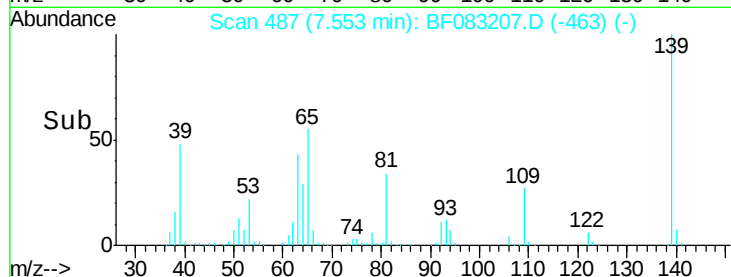
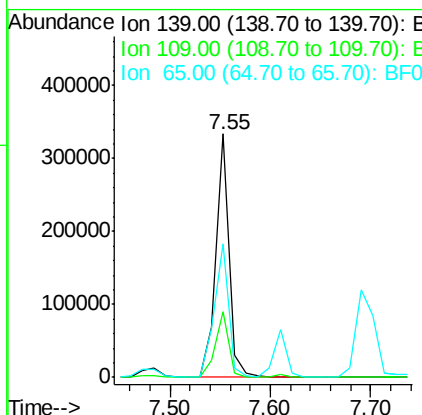
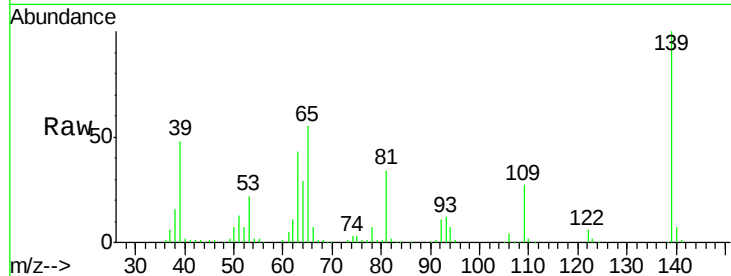




#26
 2-Nitrophenol
 Concen: 39.55 ng
 RT: 7.55 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

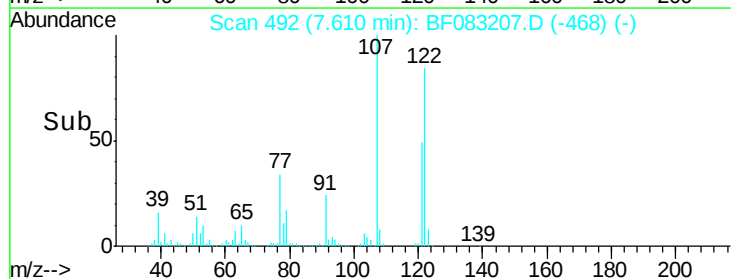
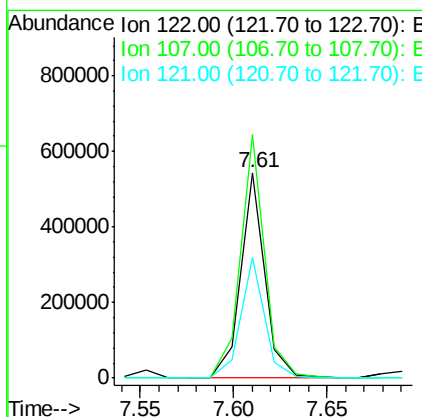
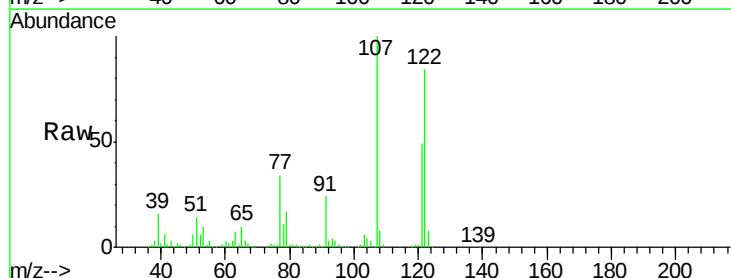
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

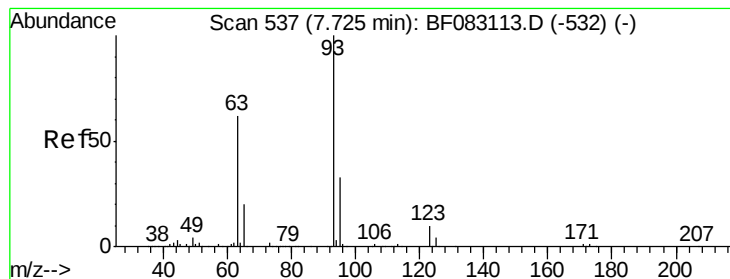
Tgt Ion:139 Resp: 305753
 Ion Ratio Lower Upper
 139 100
 109 27.2 23.9 35.9
 65 54.6 42.7 64.1



#27
 2,4-Dimethylphenol
 Concen: 39.73 ng
 RT: 7.61 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion:122 Resp: 490176
 Ion Ratio Lower Upper
 122 100
 107 118.5 101.1 151.7
 121 58.5 44.9 67.3





#28

bis(2-Chloroethoxy)methane

Concen: 37.00 ng

RT: 7.69 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

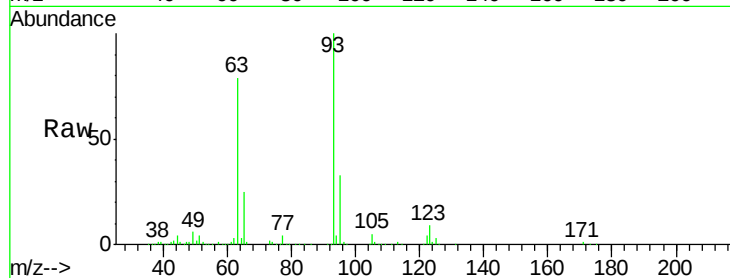
Tgt Ion: 93 Resp: 667437

Ion Ratio Lower Upper

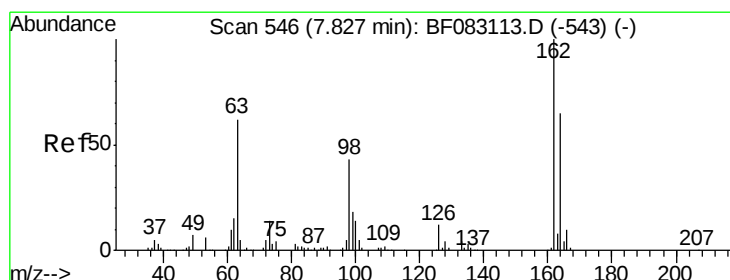
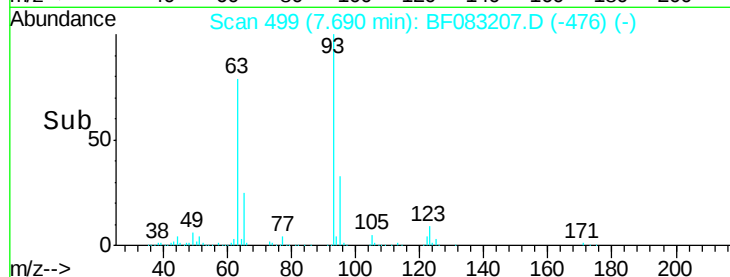
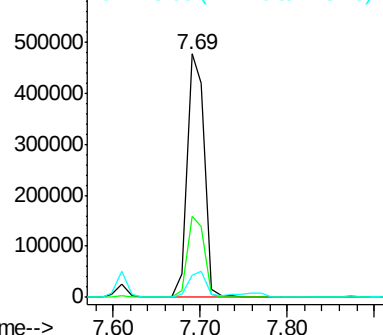
93 100

95 33.2 26.5 39.7

123 9.1 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 40.09 ng

RT: 7.80 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

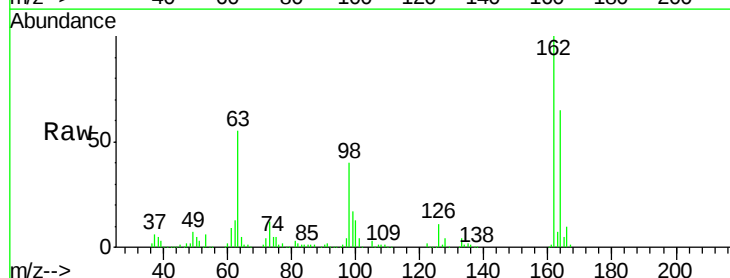
Tgt Ion: 162 Resp: 470379

Ion Ratio Lower Upper

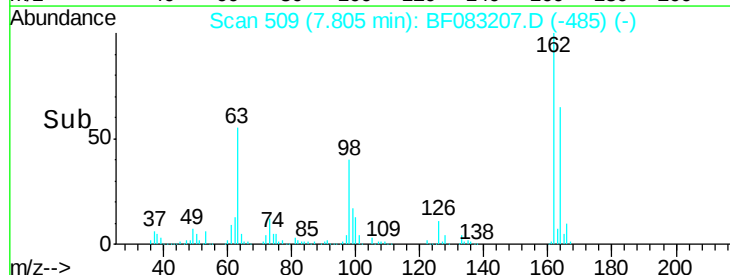
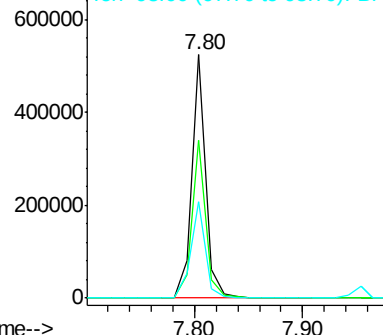
162 100

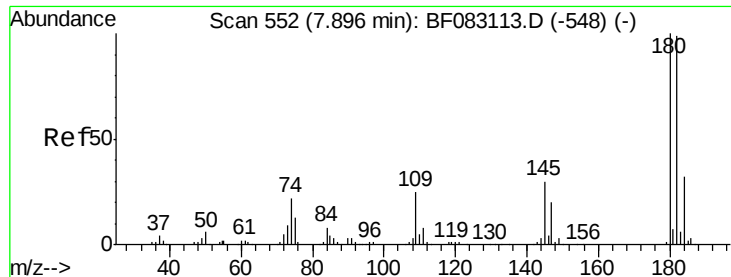
164 65.0 44.8 84.8

98 39.5 23.1 63.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

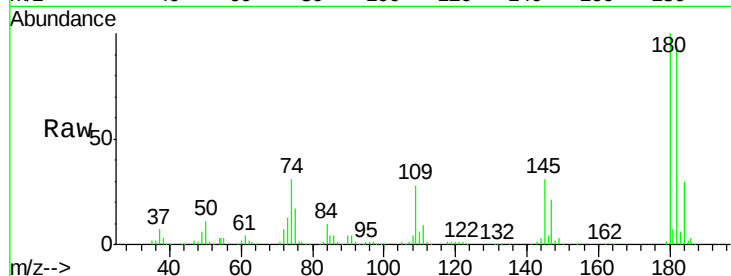




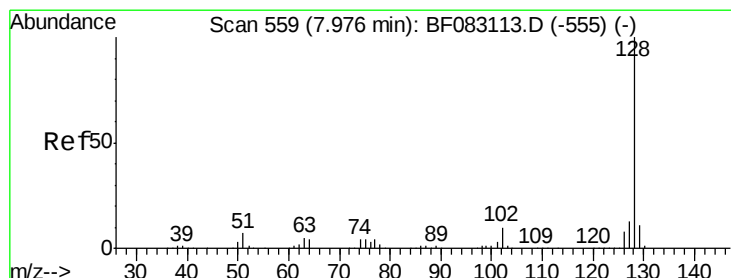
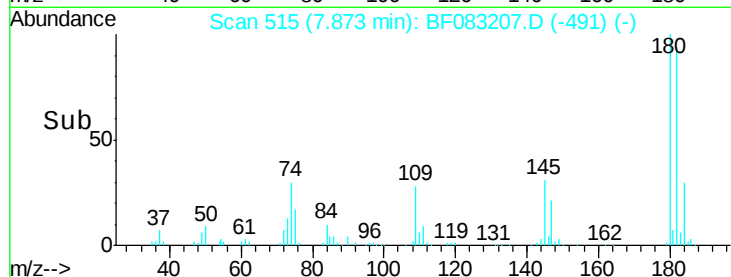
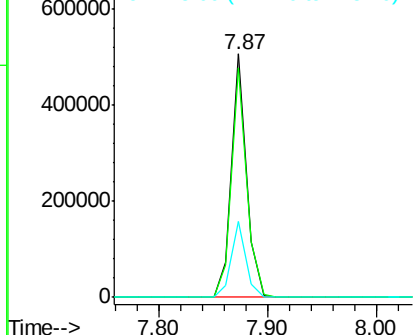
#30
 1,2,4-Trichlorobenzene
 Concen: 37.40 ng
 RT: 7.87 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:180 Resp: 482015
 Ion Ratio Lower Upper
 180 100
 182 94.5 79.0 118.6
 145 31.3 24.2 36.2

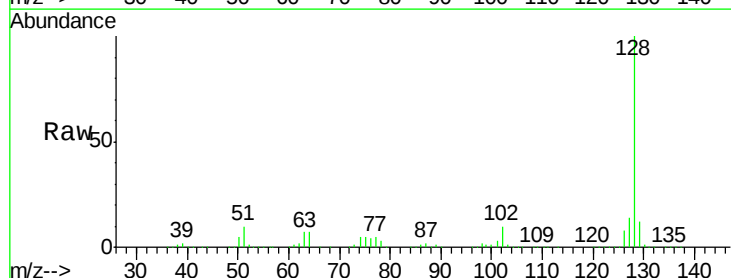


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

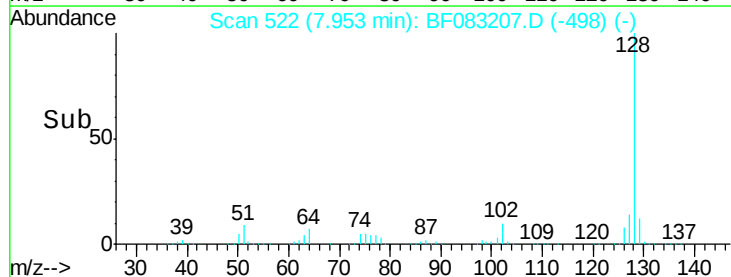
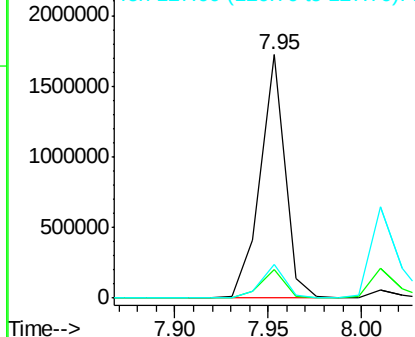


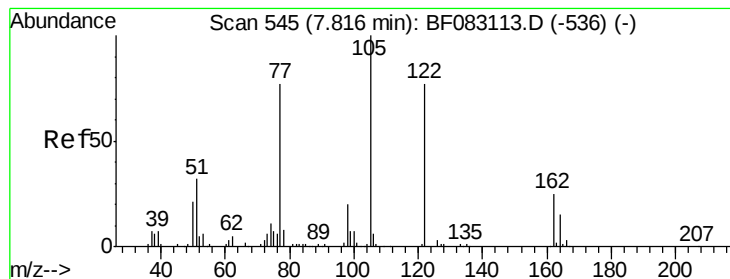
#31
 Naphthalene
 Concen: 39.11 ng
 RT: 7.95 min Scan# 522
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion:128 Resp: 1580502
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.4
 127 13.6 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 41.26 ng

RT: 7.77 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

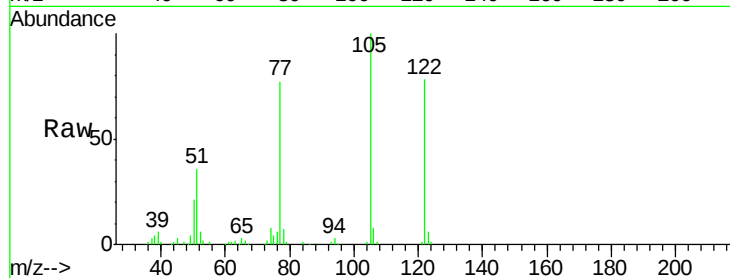
Tgt Ion:122 Resp: 395599

Ion Ratio Lower Upper

122 100

105 128.3 109.7 149.7

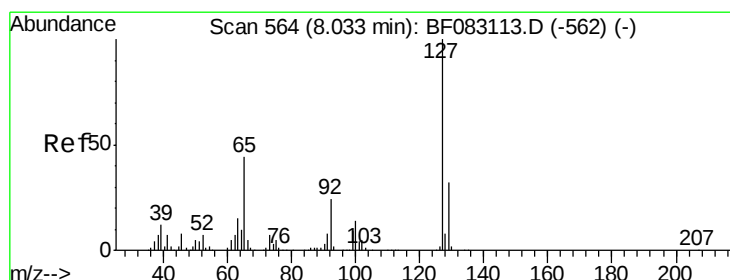
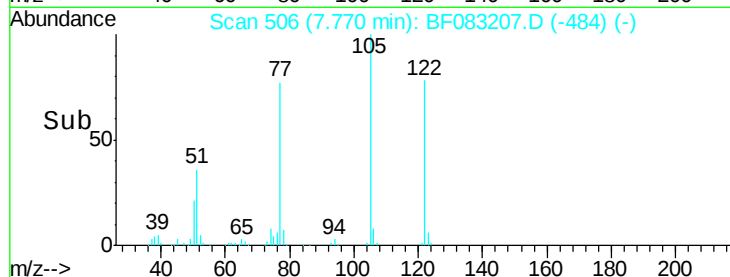
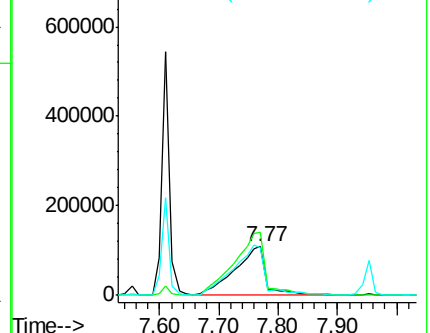
77 98.6 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 41.05 ng

RT: 8.01 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Tgt Ion:127 Resp: 643688

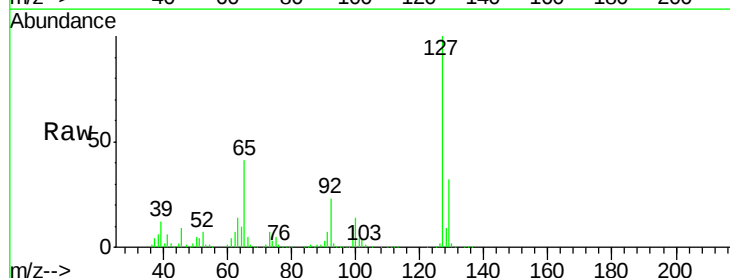
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 40.7 35.5 53.3

92 22.8 19.4 29.2

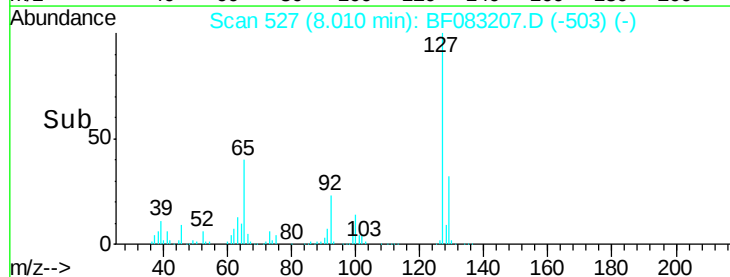
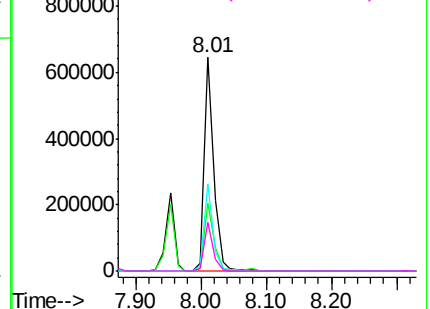


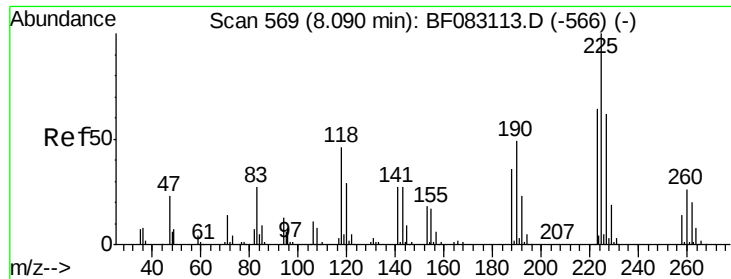
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 38.70 ng

RT: 8.08 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

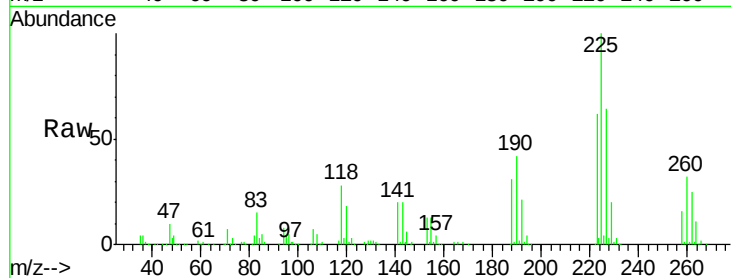
Tgt Ion: 225 Resp: 294738

Ion Ratio Lower Upper

225 100

223 62.2 51.3 76.9

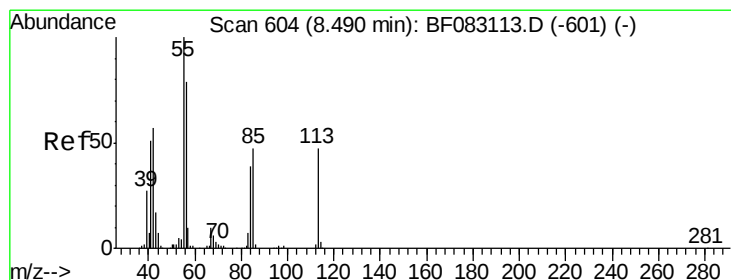
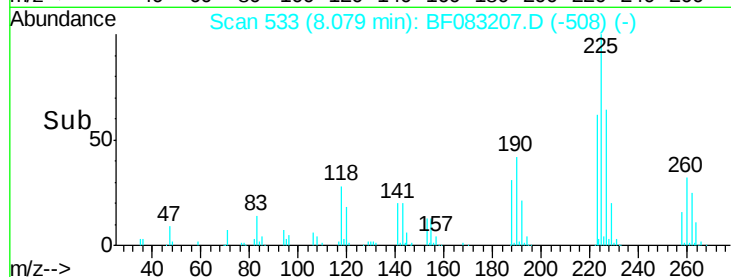
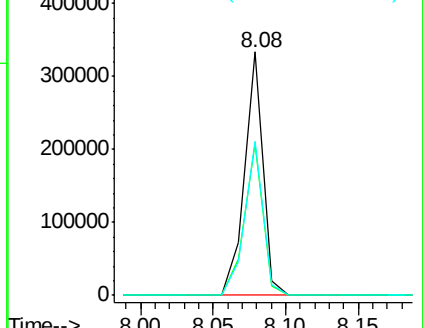
227 63.5 49.8 74.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 39.66 ng

RT: 8.40 min Scan# 561

Delta R.T. -0.09 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

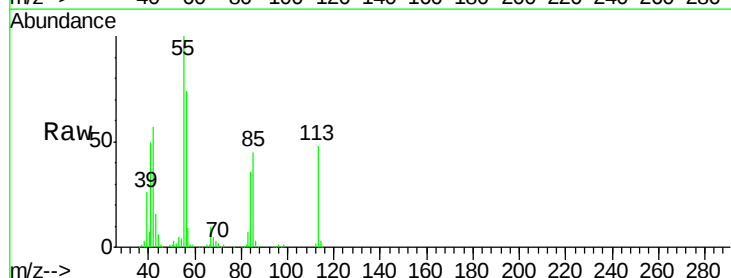
Tgt Ion: 113 Resp: 149123

Ion Ratio Lower Upper

113 100

55 209.9 192.6 232.6

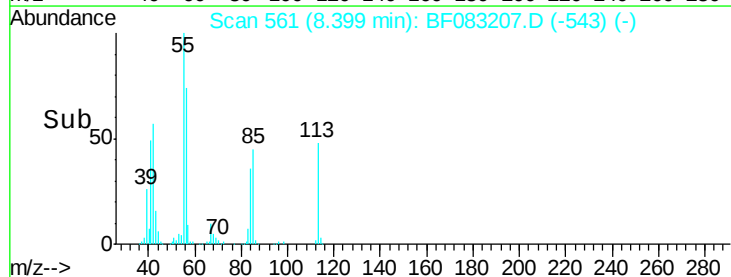
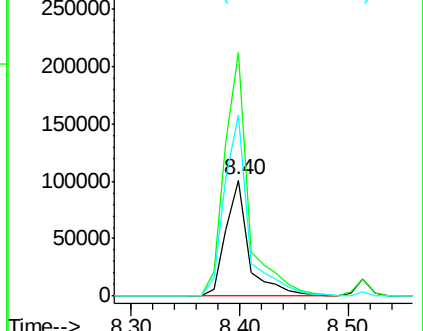
56 156.4 148.6 188.6

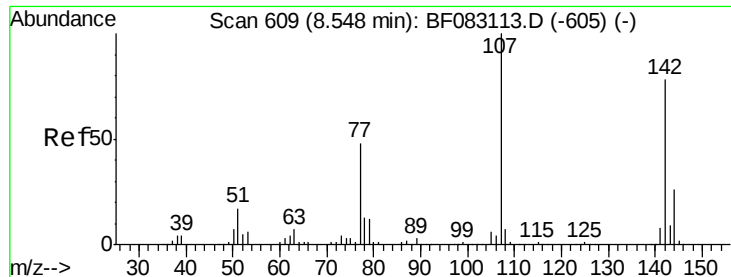


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

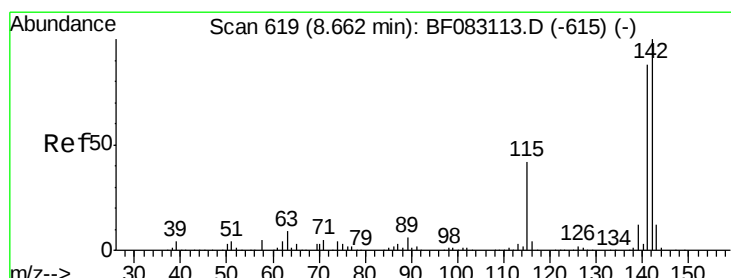
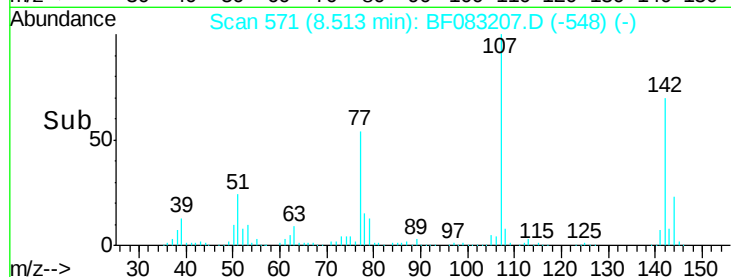
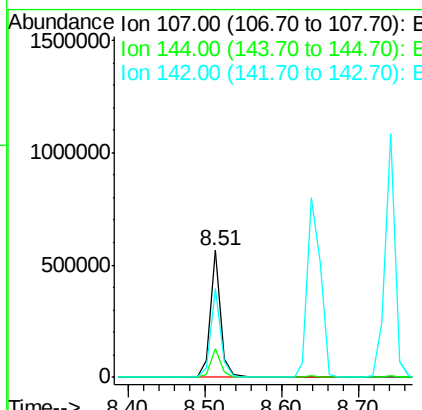
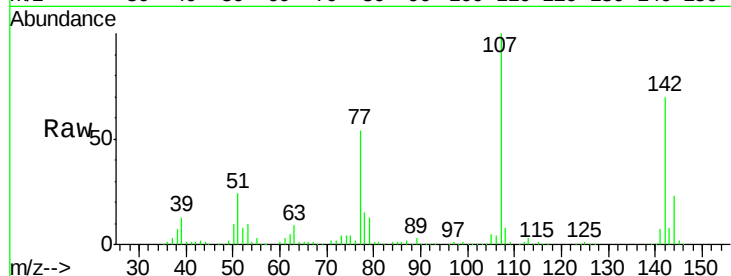




#36
 4-Chloro-3-methylphenol
 Concen: 37.97 ng
 RT: 8.51 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

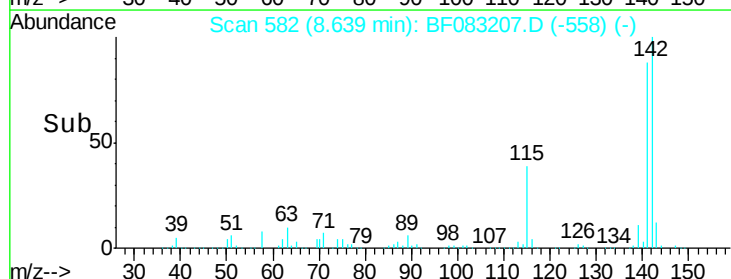
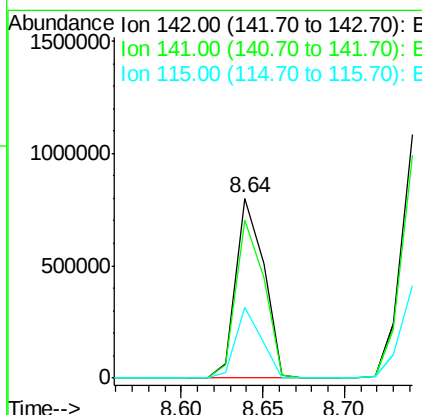
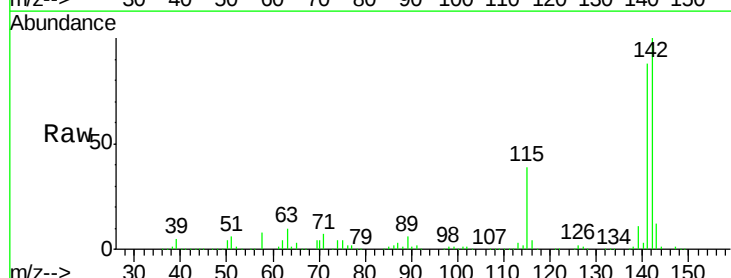
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

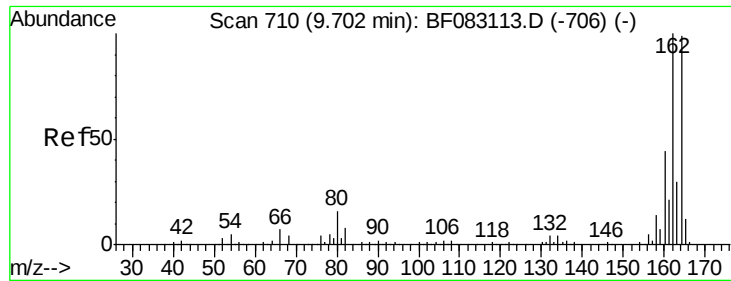
Tgt Ion:107 Resp: 516020
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.8 31.2
 142 69.8 62.1 93.1



#37
 2-Methylnaphthalene
 Concen: 36.38 ng
 RT: 8.64 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion:142 Resp: 954015
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.3 105.5
 115 39.4 33.4 50.2

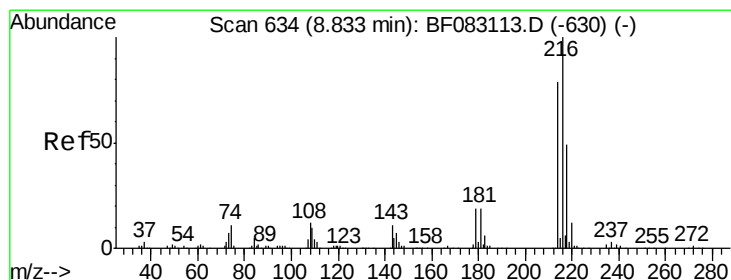
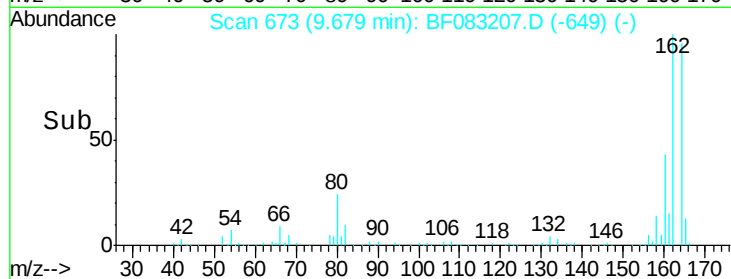
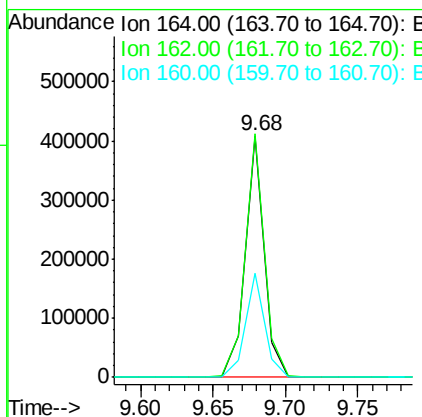
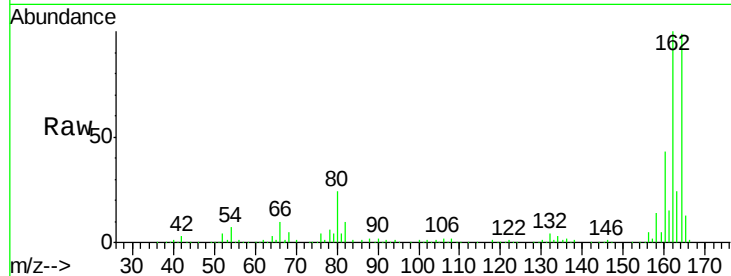




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

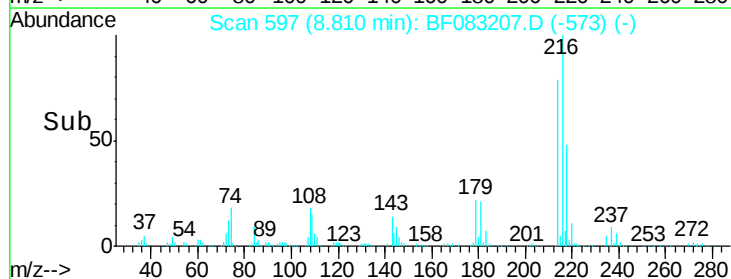
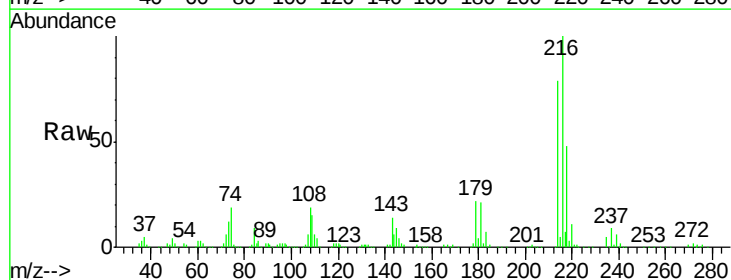
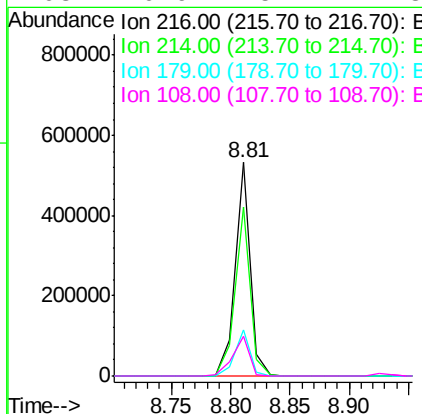
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

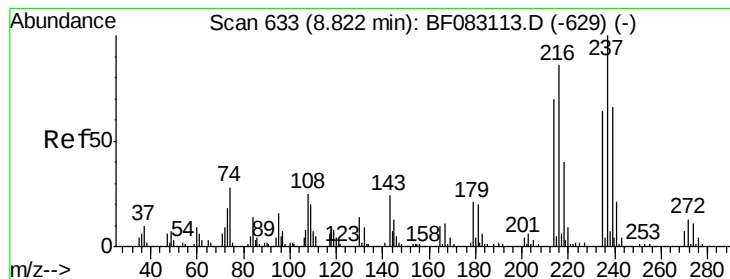
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.2	121.8
160	43.1	35.6	53.4



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.00 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	21.6	17.0	25.6
108	20.9	15.2	22.8





#40

Hexachlorocyclopentadiene

Concen: 34.93 ng

RT: 8.80 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

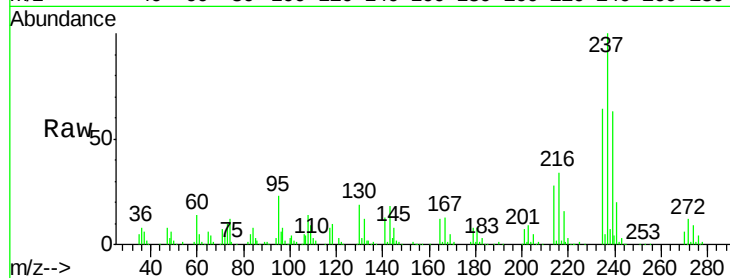
Tgt Ion:237 Resp: 238764

Ion Ratio Lower Upper

237 100

235 63.9 43.5 83.5

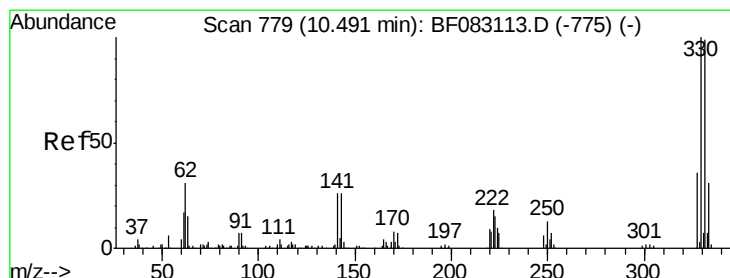
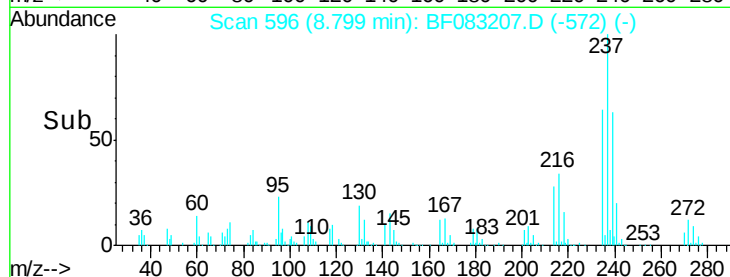
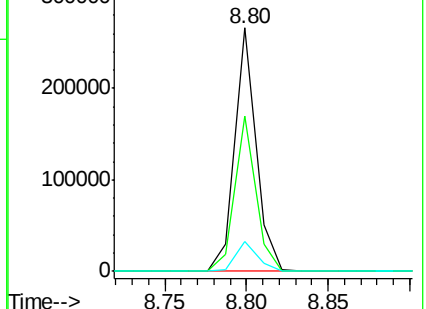
272 12.1 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 75.20 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

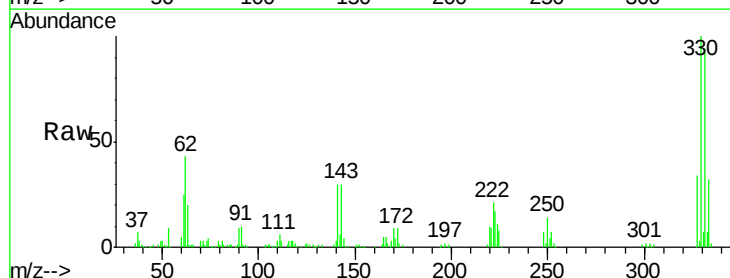
Tgt Ion:330 Resp: 285358

Ion Ratio Lower Upper

330 100

332 94.8 77.7 116.5

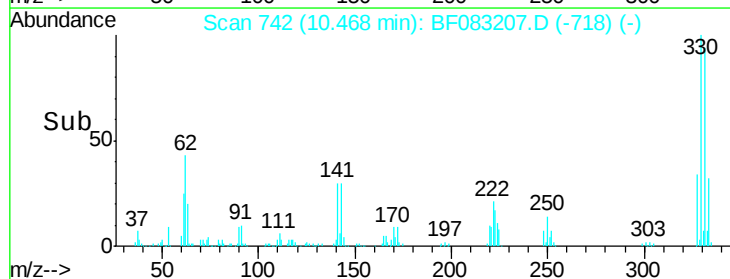
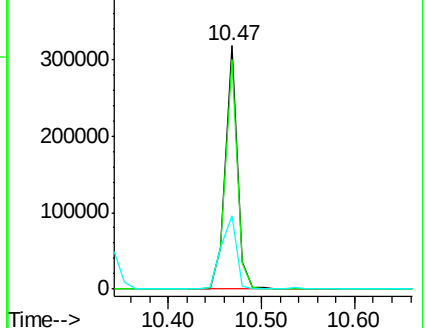
141 38.0 29.7 44.5

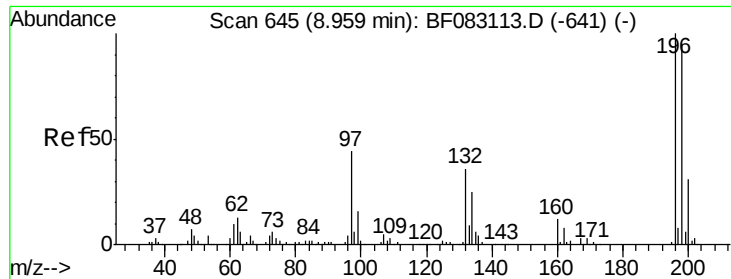


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

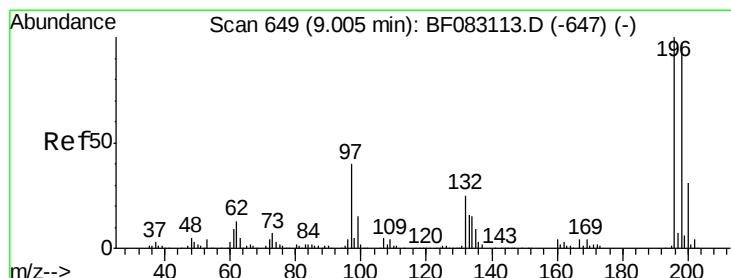
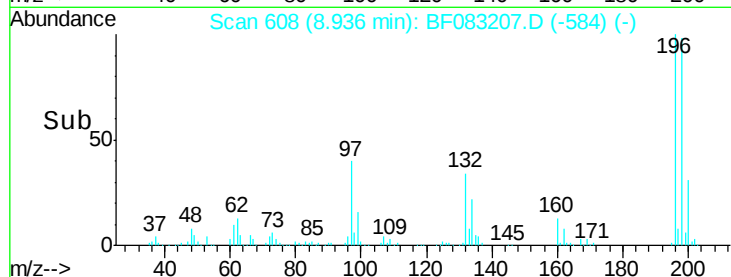
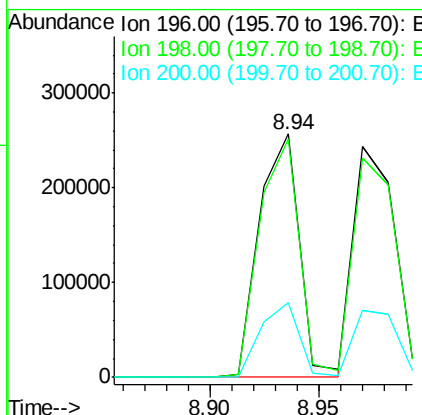
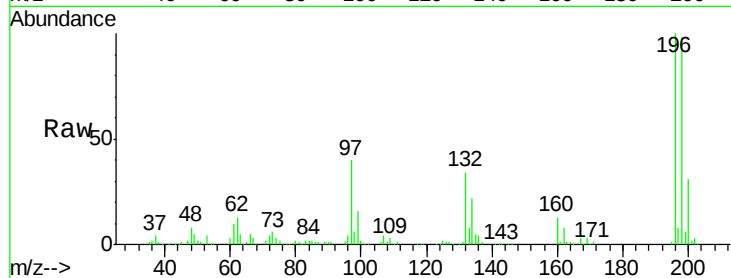




#42
 2,4,6-Trichlorophenol
 Concen: 38.47 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

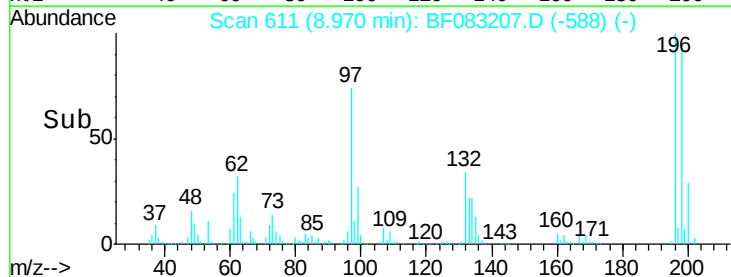
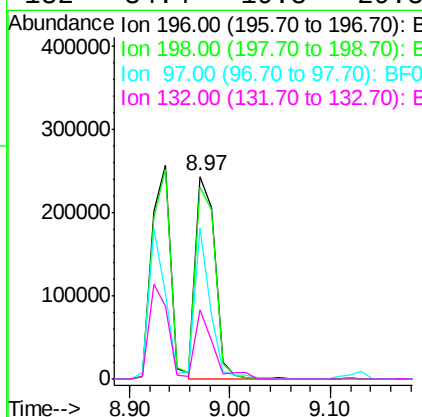
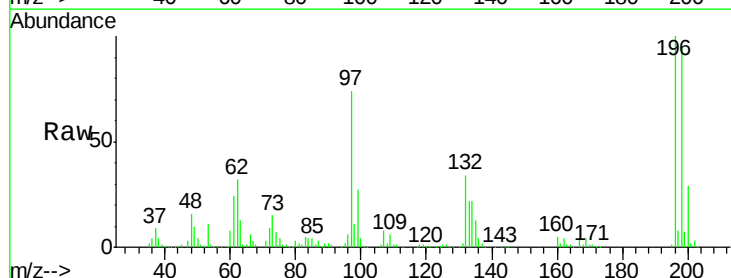
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

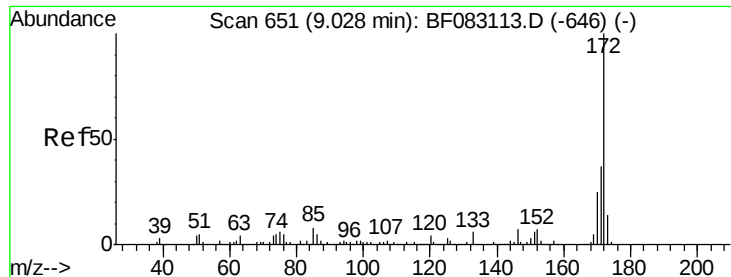
Tgt Ion:196 Resp: 331243
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.9 113.9
 200 30.5 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 37.45 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion:196 Resp: 329655
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.6 116.4
 97 74.2 32.6 48.8#
 132 34.4 19.8 29.8#





#44

2-Fluorobiphenyl

Concen: 75.99 ng

RT: 9.02 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

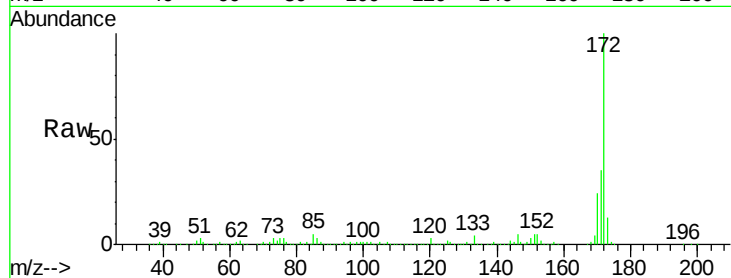
Tgt Ion:172 Resp: 2021095

Ion Ratio Lower Upper

172 100

171 35.4 29.5 44.3

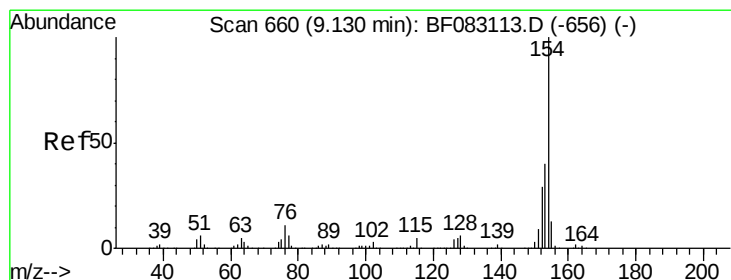
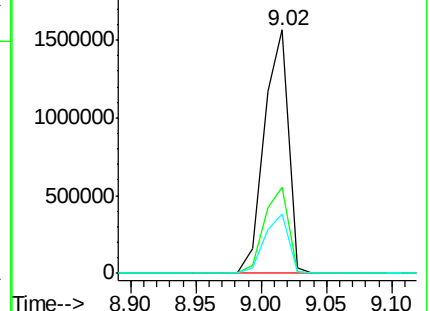
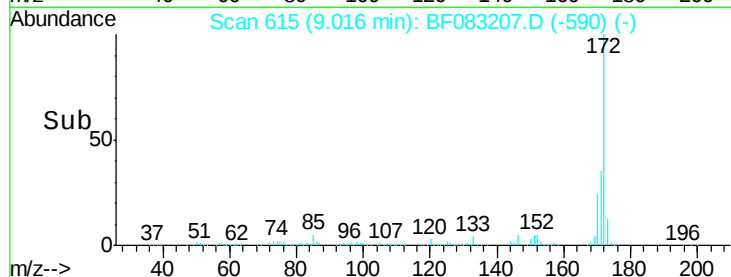
170 24.2 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 37.65 ng

RT: 9.11 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

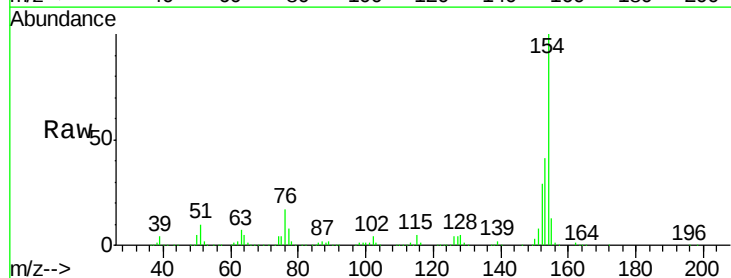
Tgt Ion:154 Resp: 1188604

Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

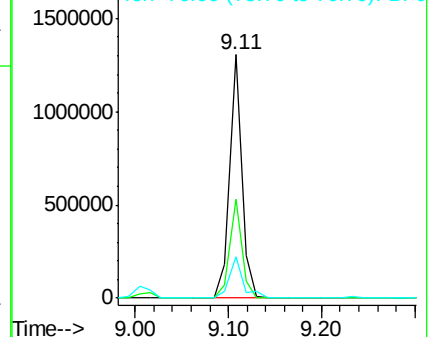
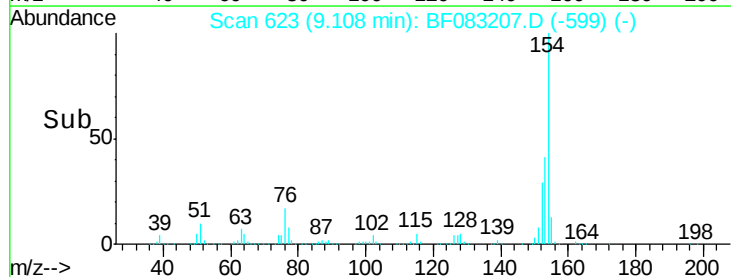
76 17.0 0.0 31.2

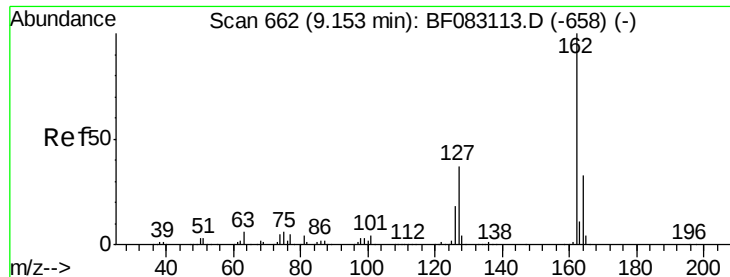


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

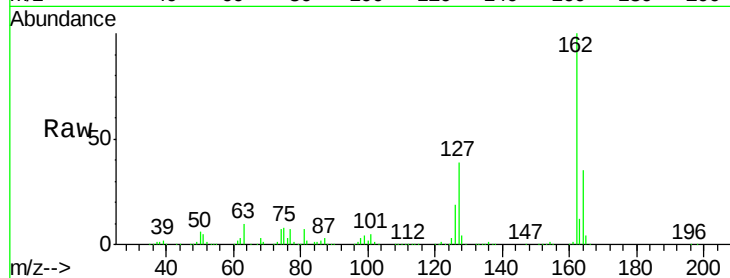




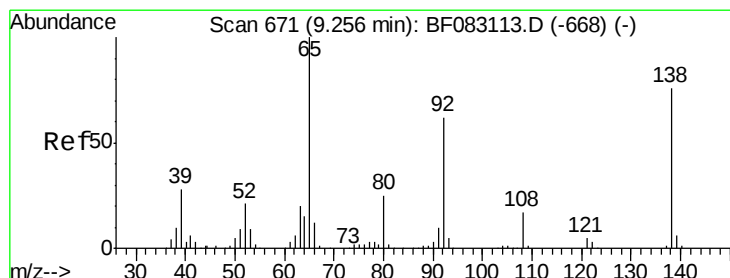
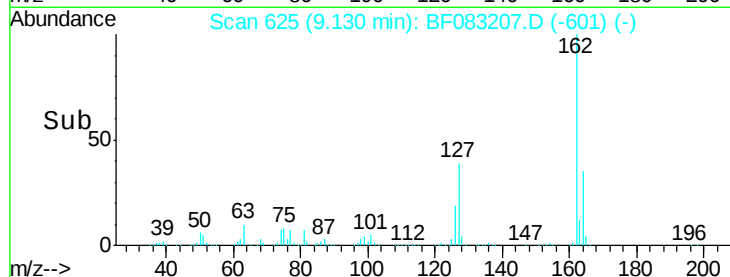
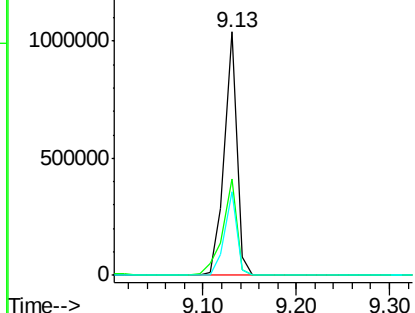
#46
2-Chloronaphthalene
Concen: 39.37 ng
RT: 9.13 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 162 Resp: 976236
Ion Ratio Lower Upper
162 100
127 39.3 29.4 44.2
164 34.6 26.2 39.4

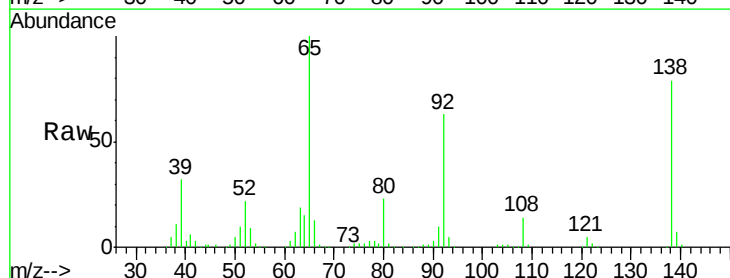


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

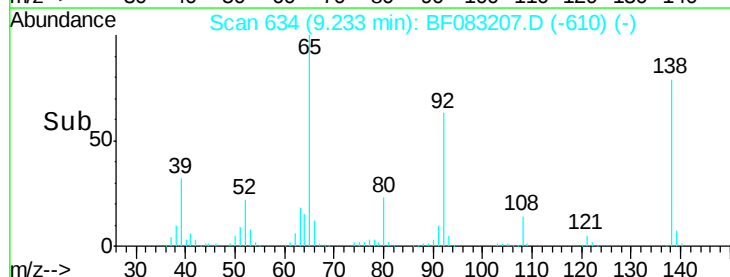
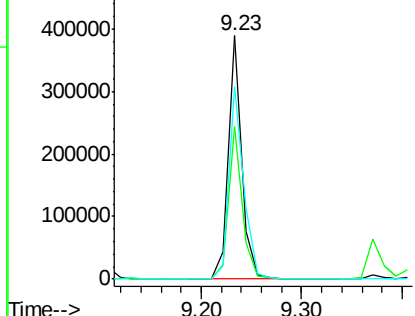


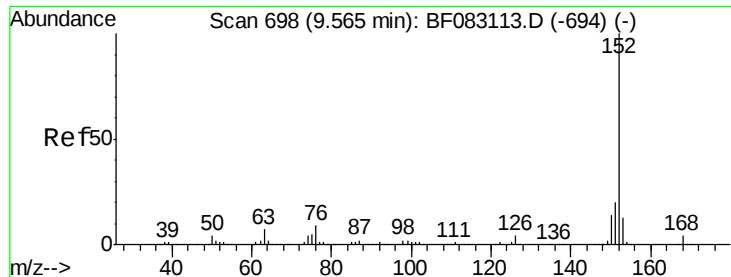
#47
2-Nitroaniline
Concen: 41.06 ng
RT: 9.23 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion: 65 Resp: 360148
Ion Ratio Lower Upper
65 100
92 62.7 49.5 74.3
138 79.3 60.7 91.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 40.33 ng

RT: 9.54 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

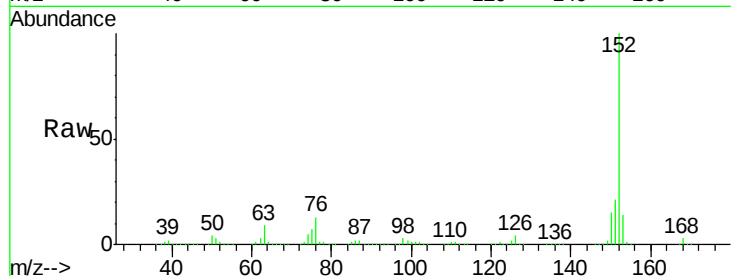
Tgt Ion:152 Resp: 1549787

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

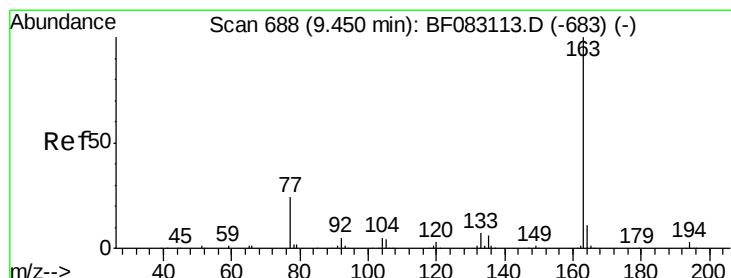
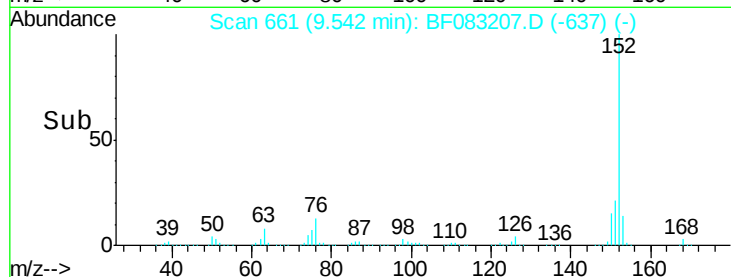
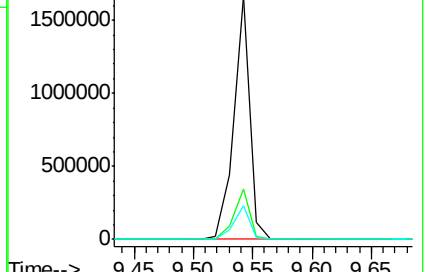
153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.48 ng

RT: 9.43 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

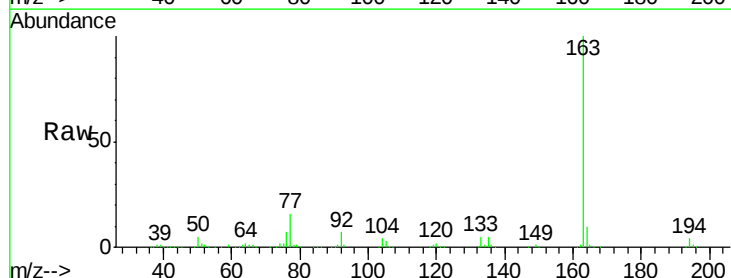
Tgt Ion:163 Resp: 1098912

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

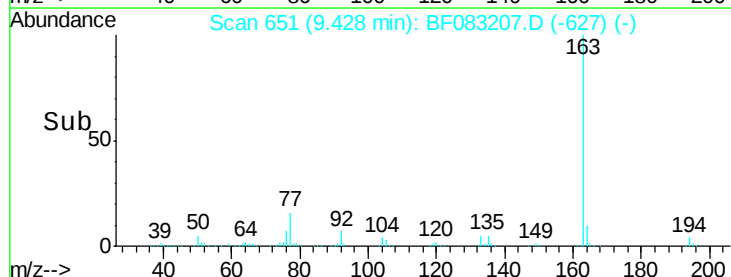
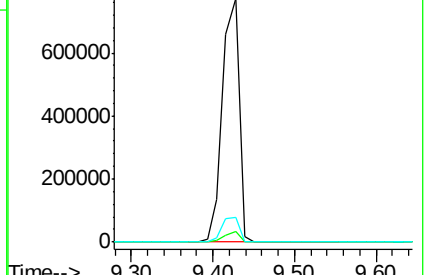
164 10.1 8.6 12.8

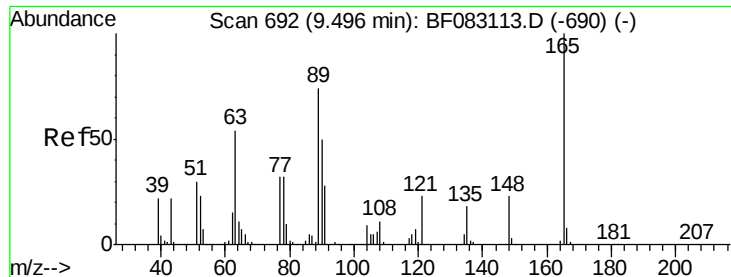


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

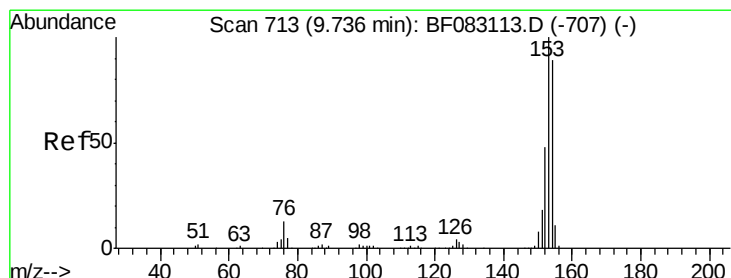
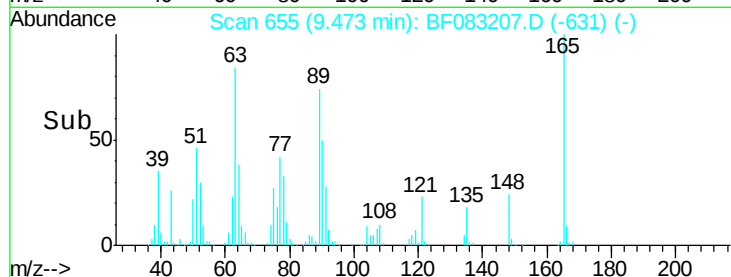
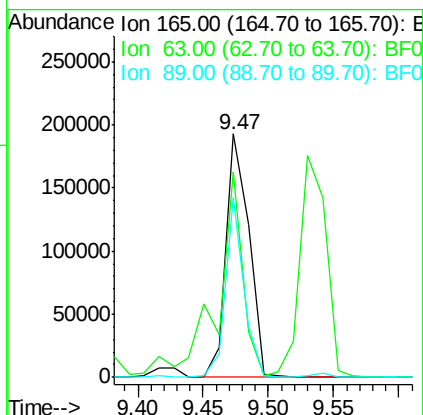
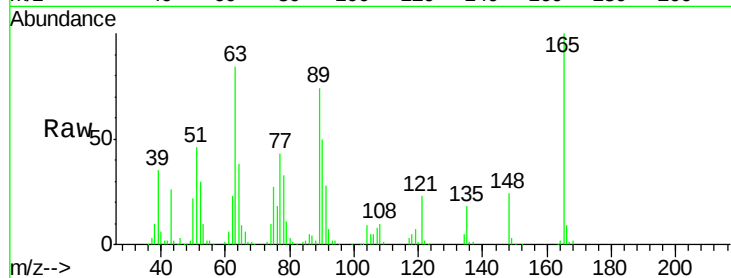




#50
 2,6-Dinitrotoluene
 Concen: 36.72 ng
 RT: 9.47 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

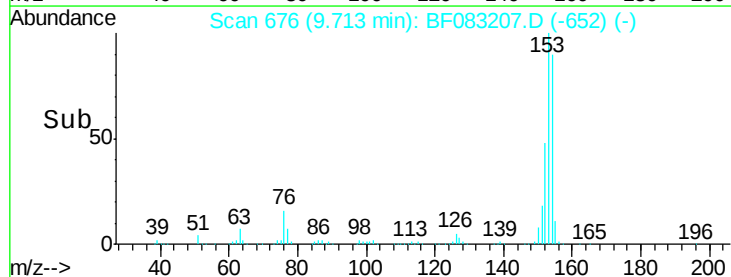
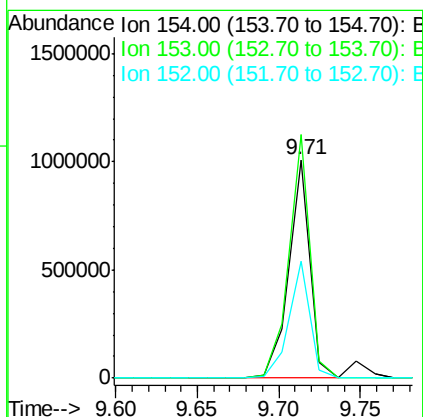
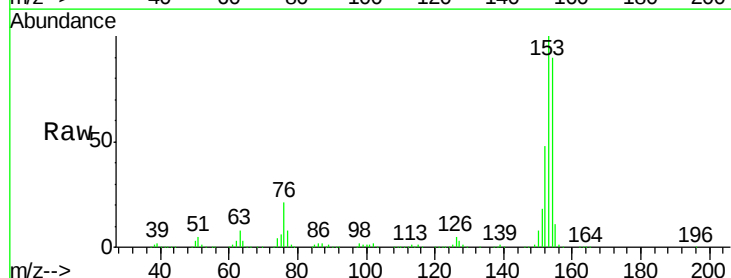
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

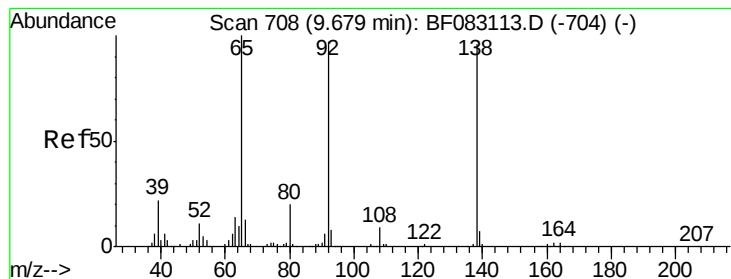
Tgt Ion:165 Resp: 235279
 Ion Ratio Lower Upper
 165 100
 63 84.3 62.5 93.7
 89 74.0 59.1 88.7



#51
 Acenaphthene
 Concen: 38.84 ng
 RT: 9.71 min Scan# 676
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion:154 Resp: 908315
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.6 134.4
 152 53.6 43.3 64.9





#52

3-Nitroaniline

Concen: 38.78 ng

RT: 9.64 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

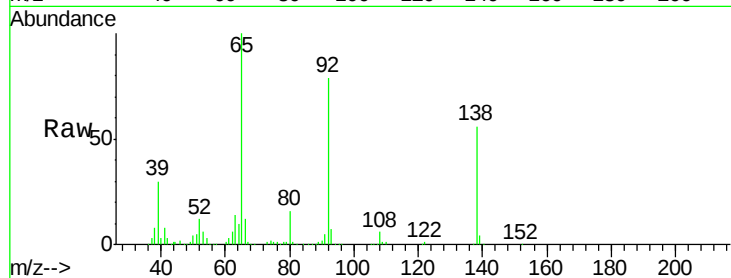
Tgt Ion:138 Resp: 264929

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.6

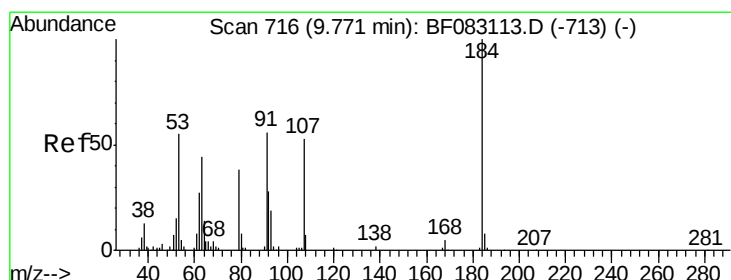
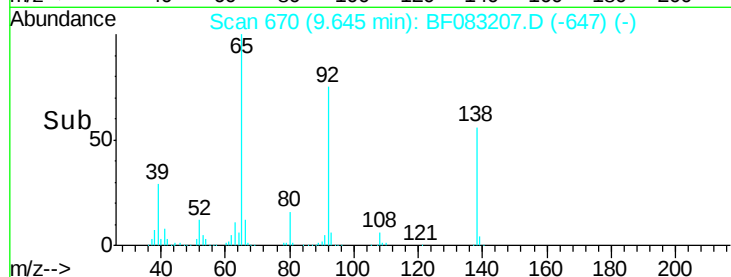
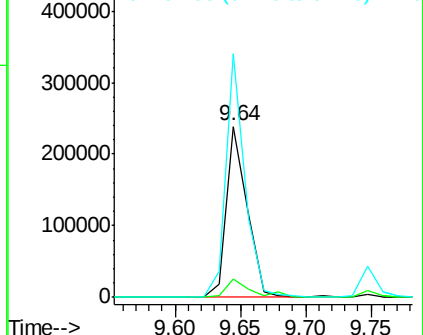
92 142.6 81.1 121.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 36.41 ng

RT: 9.75 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

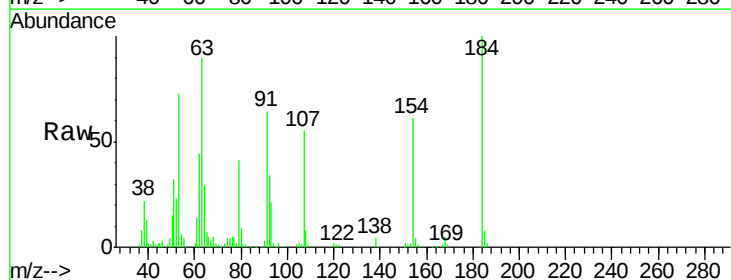
Tgt Ion:184 Resp: 134405

Ion Ratio Lower Upper

184 100

63 90.4 60.5 90.7

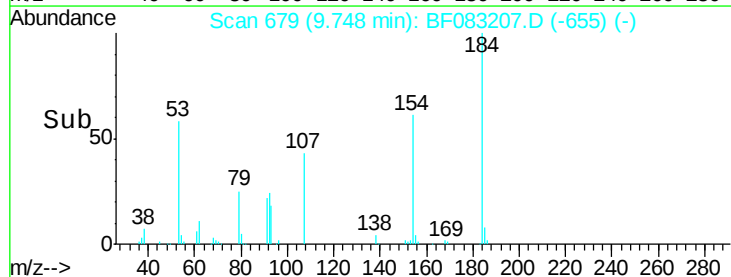
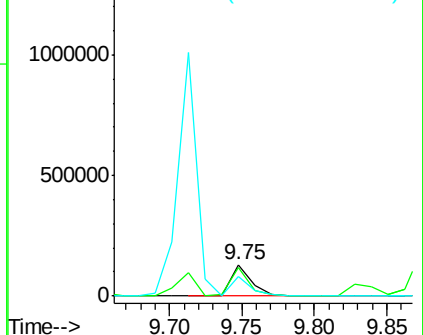
154 61.5 54.3 81.5

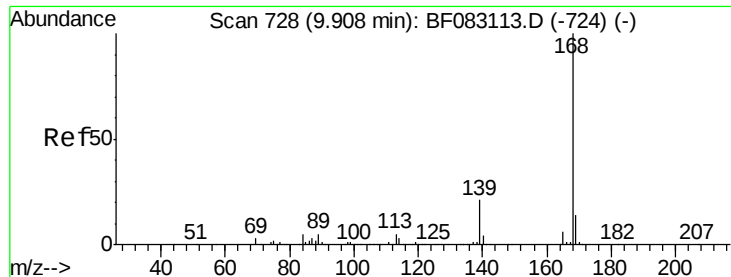


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

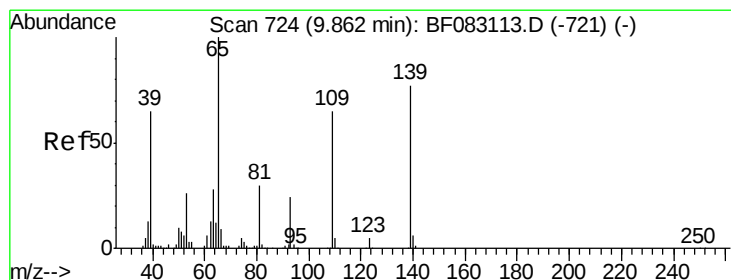
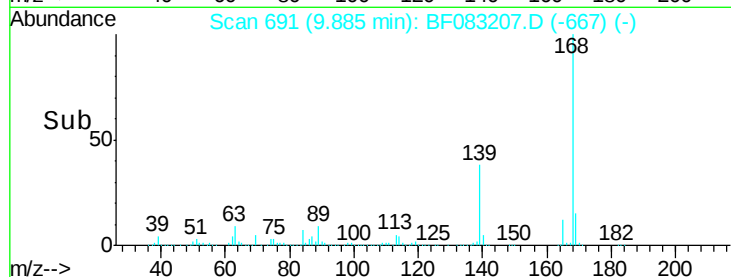
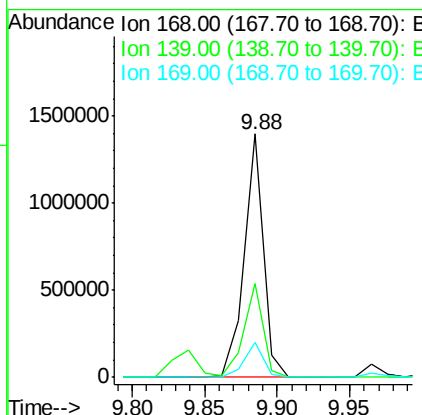
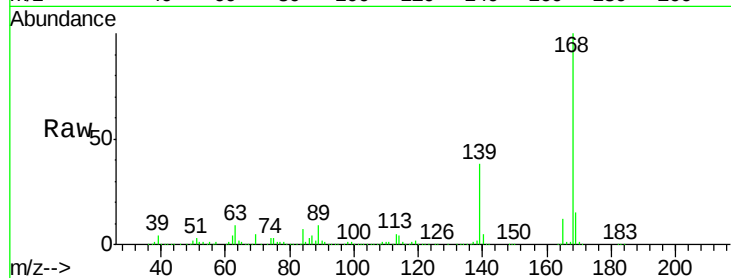




#54
Dibenzenofuran
Concen: 38.68 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

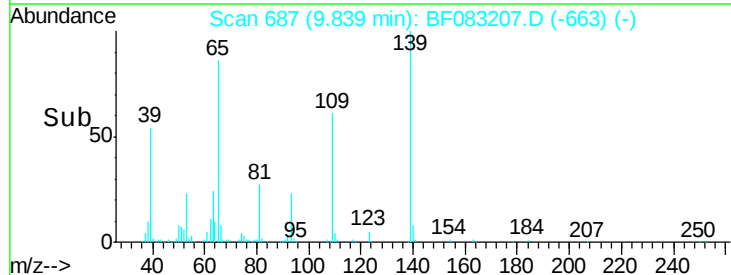
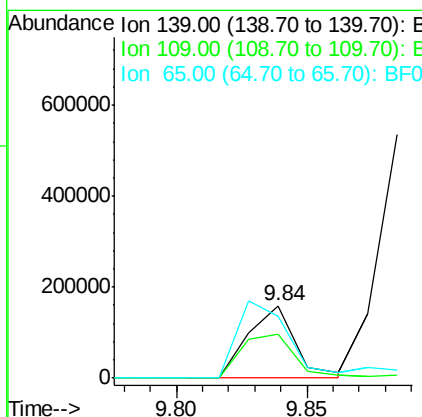
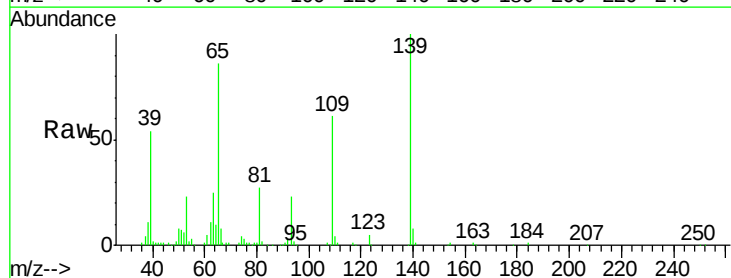
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

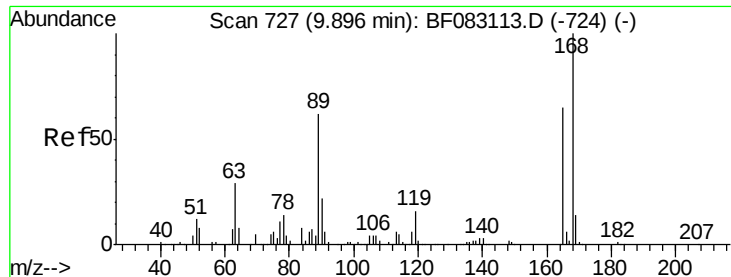
Tgt Ion:168 Resp: 1279069
Ion Ratio Lower Upper
168 100
139 38.3 30.2 45.2
169 14.5 10.9 16.3



#55
4-Nitrophenol
Concen: 38.49 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion:139 Resp: 201642
Ion Ratio Lower Upper
139 100
109 61.2 64.0 104.0#
65 86.3 109.5 149.5#

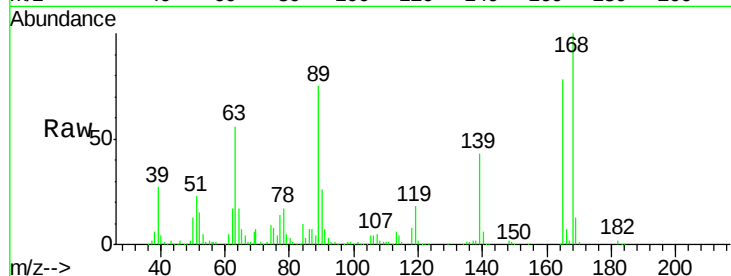




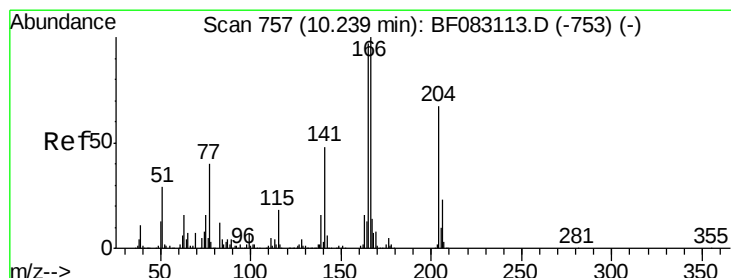
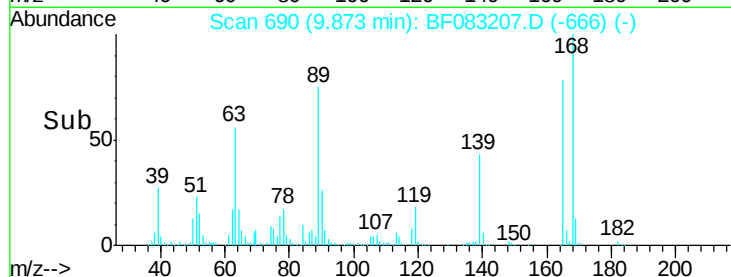
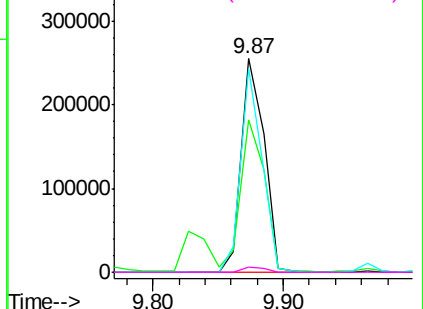
#56
2,4-Dinitrotoluene
Concen: 38.11 ng
RT: 9.87 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	309399
Ion	Ratio	Lower	Upper
165	100		
63	71.2	54.5	81.7
89	95.4	77.3	115.9
182	2.2	1.8	2.6

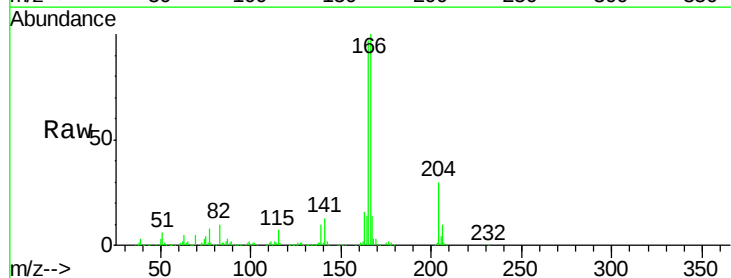


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

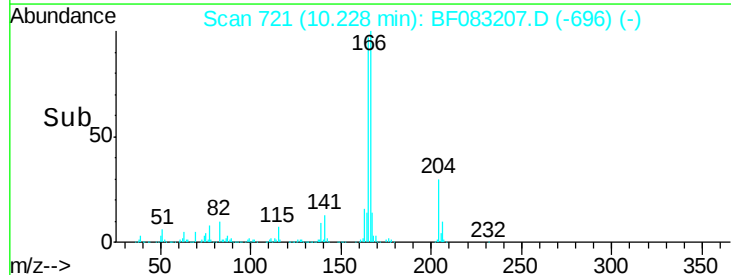
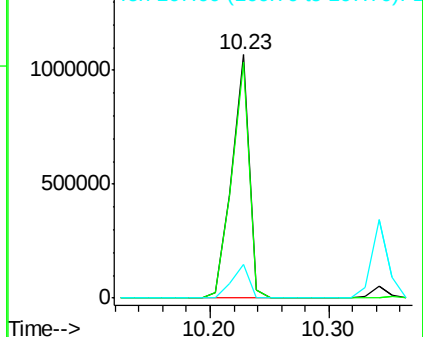


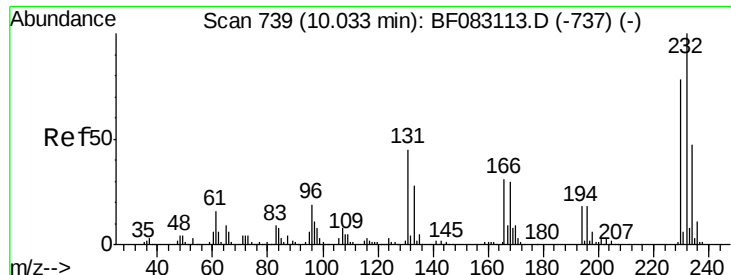
#57
Fluorene
Concen: 39.85 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion:	166	Resp:	1088917
Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	13.8	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

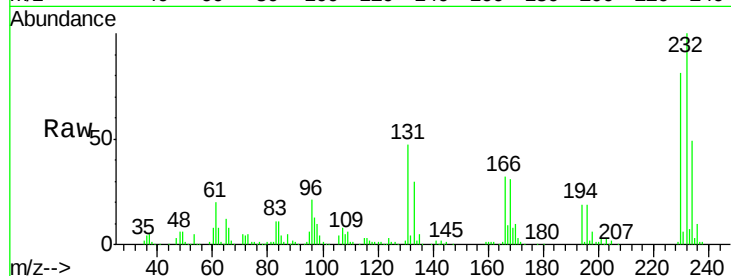




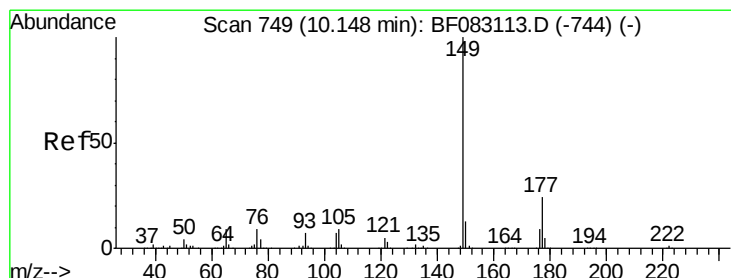
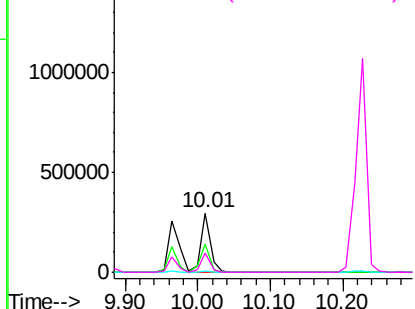
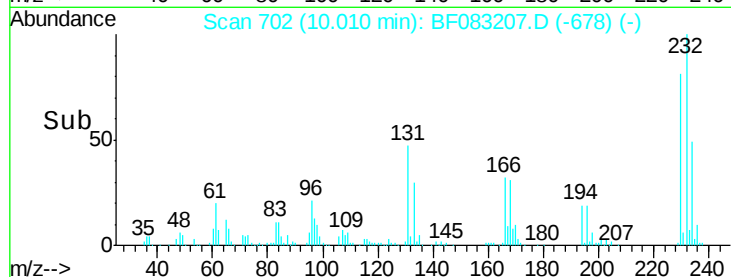
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.34 ng
 RT: 10.01 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 232 Resp: 276864
 Ion Ratio Lower Upper
 232 100
 131 46.0 38.6 57.8
 130 2.1 1.9 2.9
 166 31.0 25.4 38.0

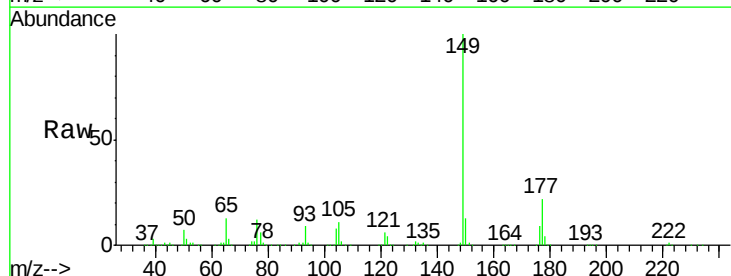


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

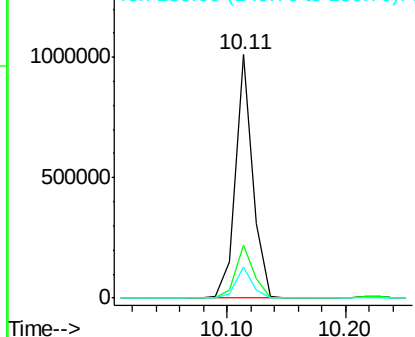
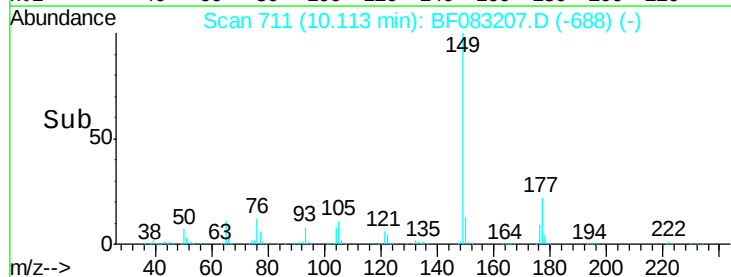


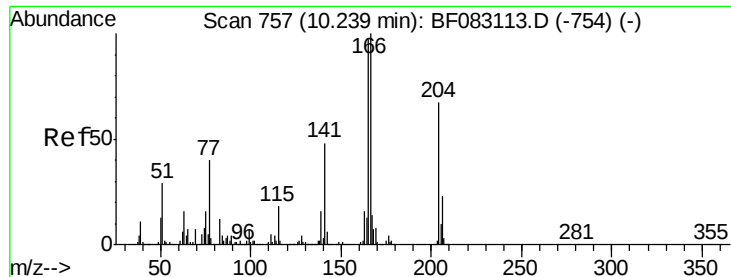
#59
 Diethylphthalate
 Concen: 36.01 ng
 RT: 10.11 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion: 149 Resp: 1023432
 Ion Ratio Lower Upper
 149 100
 177 22.0 19.4 29.2
 150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

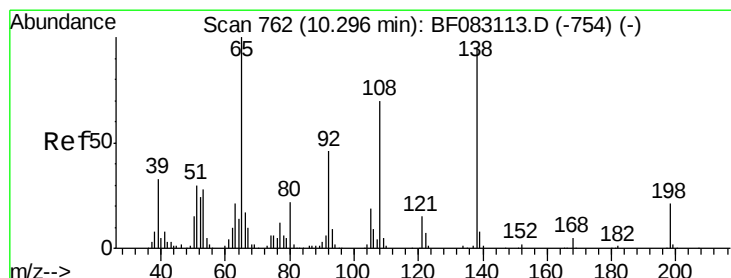
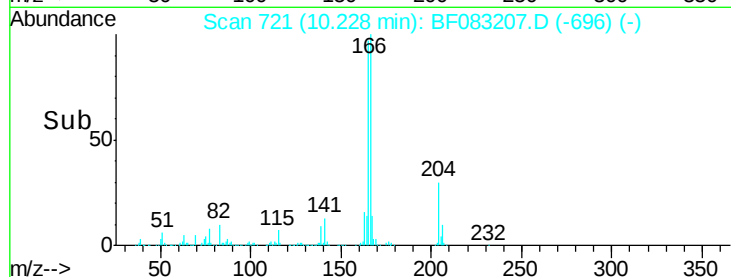
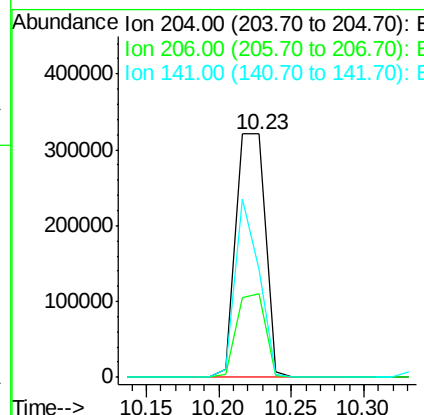
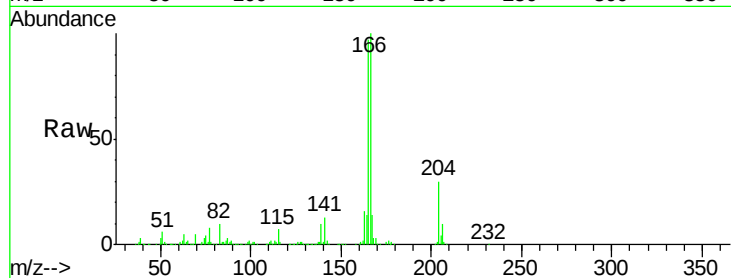




#60
 4-Chlorophenyl-phenylether
 Concen: 36.28 ng
 RT: 10.23 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

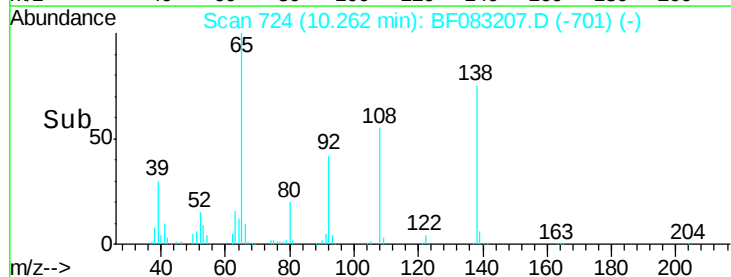
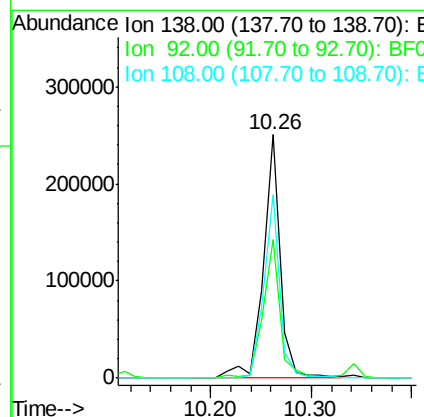
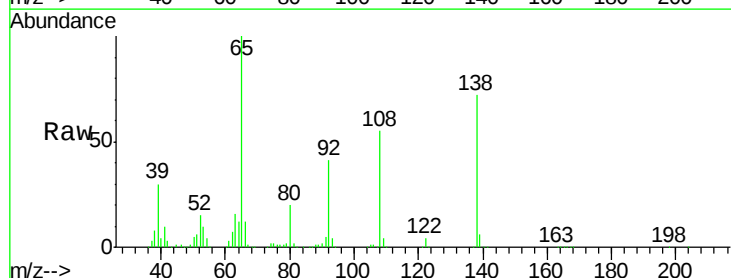
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

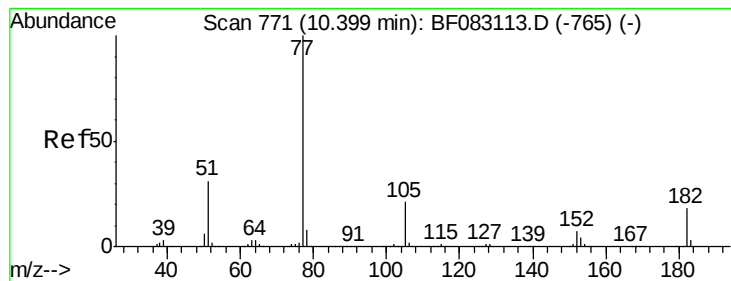
Tgt Ion: 204 Resp: 454125
 Ion Ratio Lower Upper
 204 100
 206 34.4 27.4 41.0
 141 44.5 57.4 86.2#



#61
 4-Nitroaniline
 Concen: 43.25 ng
 RT: 10.26 min Scan# 724
 Delta R.T. -0.03 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion: 138 Resp: 290896
 Ion Ratio Lower Upper
 138 100
 92 56.8 28.4 68.4
 108 75.4 53.5 93.5





#62

Azobenzene

Concen: 38.68 ng

RT: 10.38 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1254905

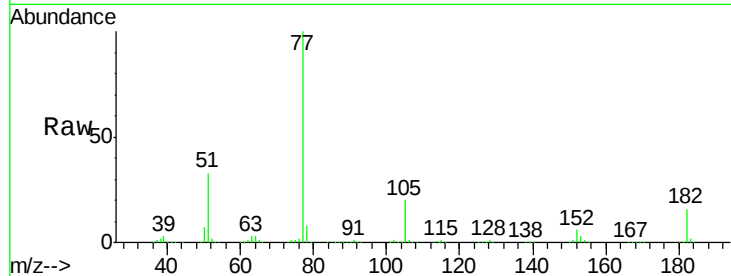
Ion Ratio Lower Upper

77 100

182 15.6 0.0 38.3

105 20.0 1.2 41.2

51 32.6 11.1 51.1

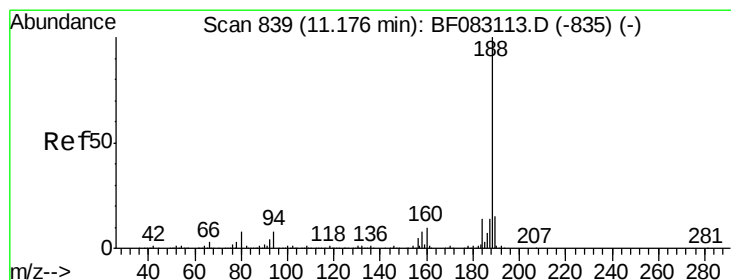
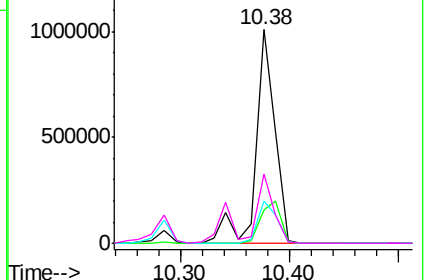
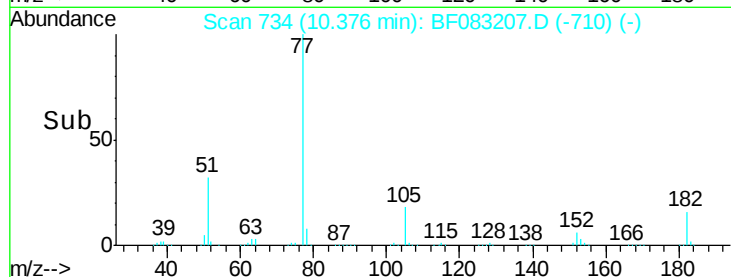


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

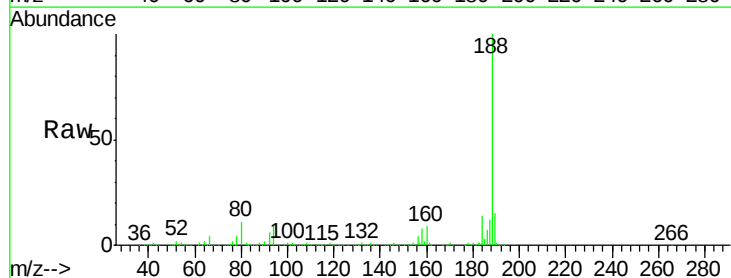
Tgt Ion: 188 Resp: 692529

Ion Ratio Lower Upper

188 100

94 9.6 6.0 9.0#

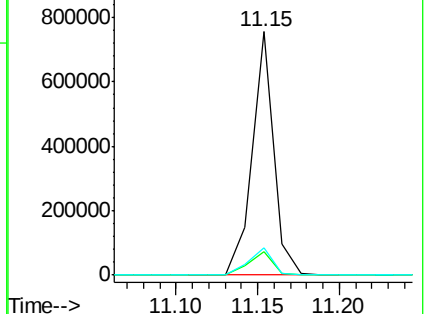
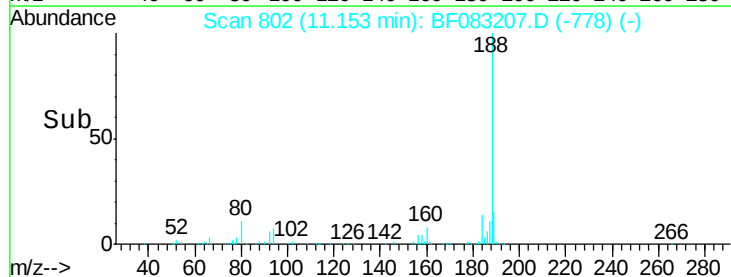
80 11.2 6.7 10.1#

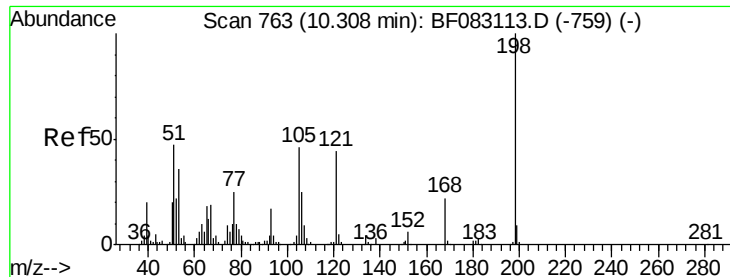


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

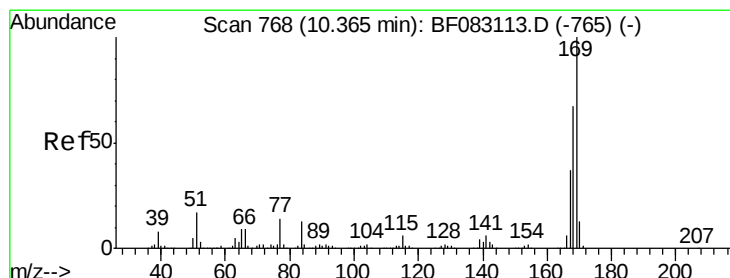
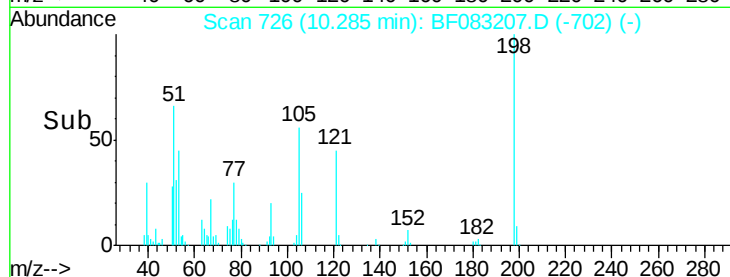
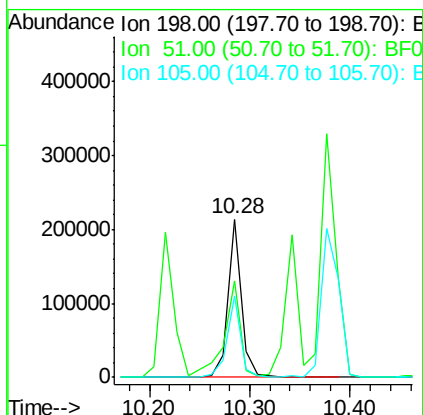
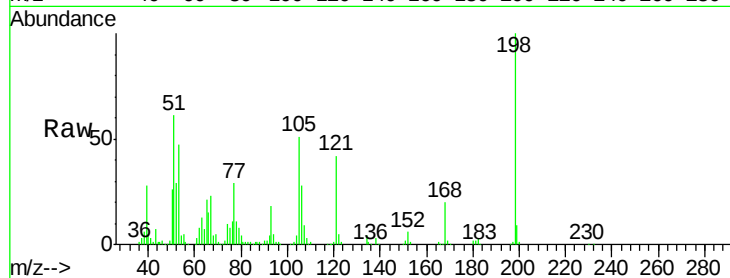




#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.29 ng
 RT: 10.28 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

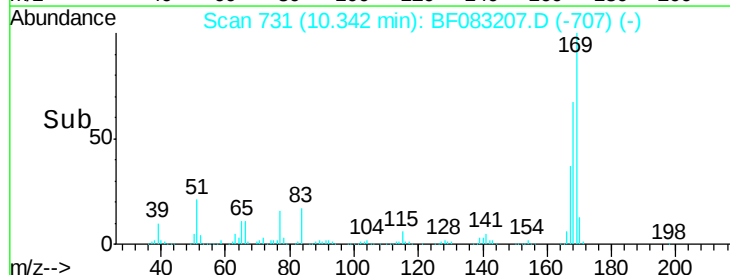
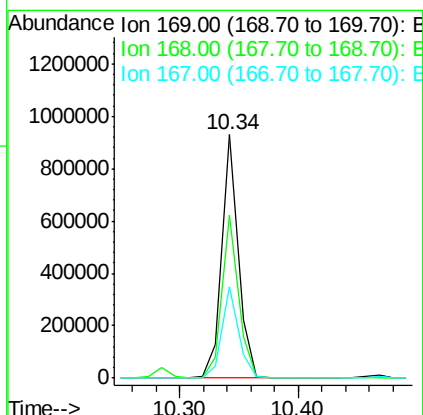
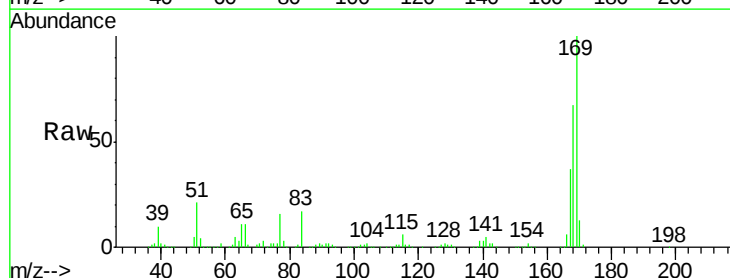
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

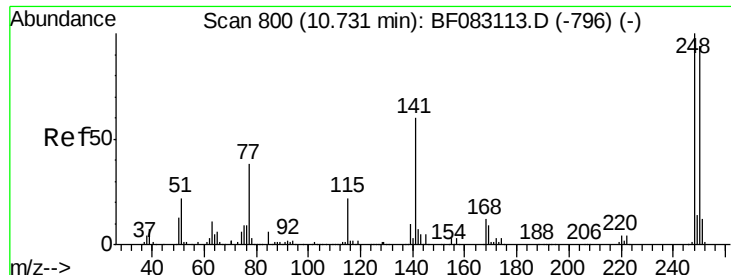
Tgt Ion:198 Resp: 197044
 Ion Ratio Lower Upper
 198 100
 51 60.8 27.0 67.0
 105 51.0 26.1 66.1



#65
 n-Nitrosodiphenylamine
 Concen: 37.66 ng
 RT: 10.34 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083207.D
 Acq: 23 Nov 2015 16:44

Tgt Ion:169 Resp: 887101
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.6
 167 37.3 29.8 44.8

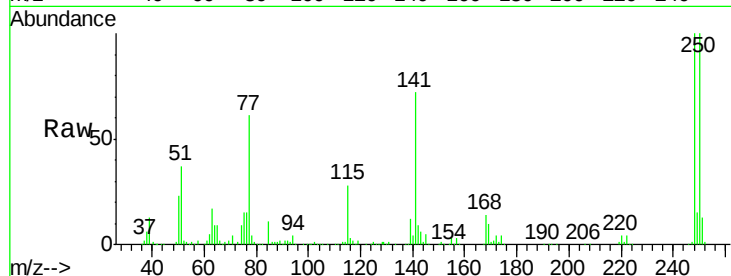




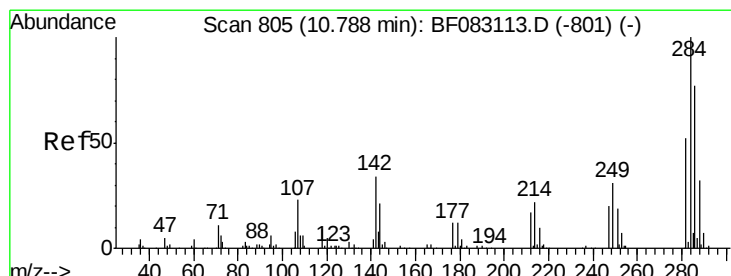
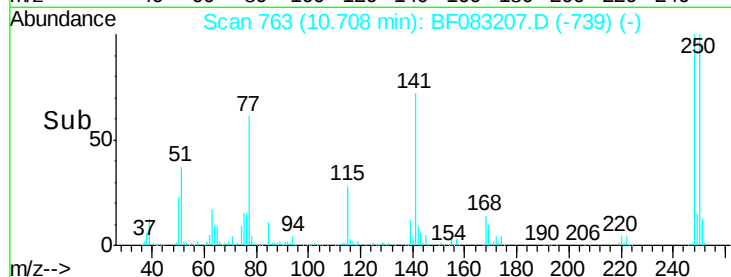
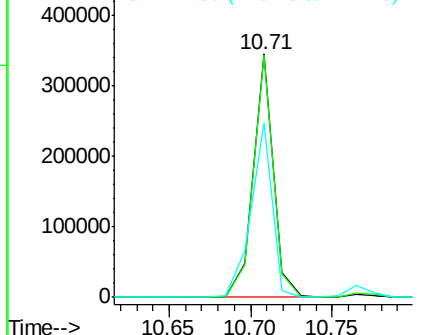
#66
4-Bromophenyl-phenylether
Concen: 38.49 ng
RT: 10.71 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 295795
Ion Ratio Lower Upper
248 100
250 99.5 75.4 113.2
141 71.8 48.1 72.1

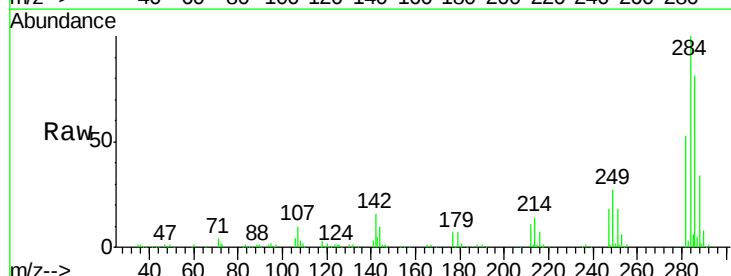


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

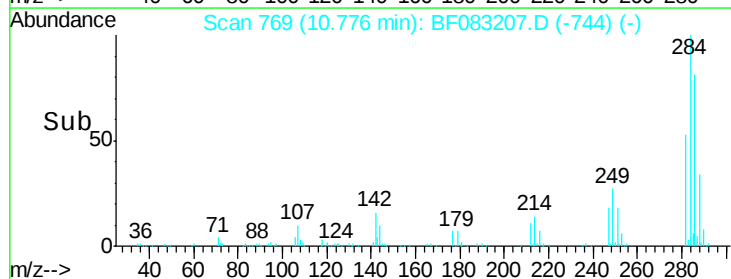
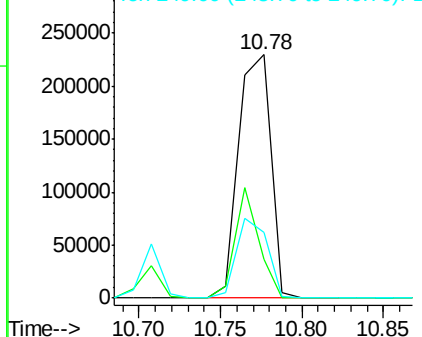


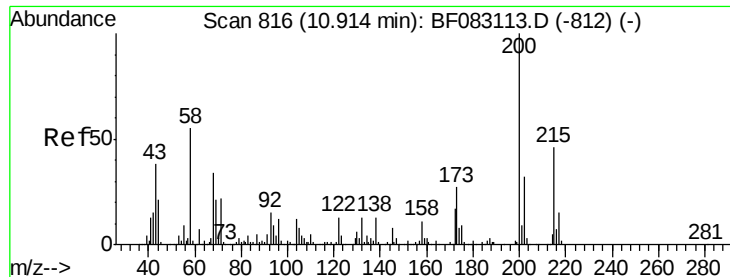
#67
Hexachlorobenzene
Concen: 37.08 ng
RT: 10.78 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion:284 Resp: 313770
Ion Ratio Lower Upper
284 100
142 16.0 27.6 41.4#
249 26.9 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

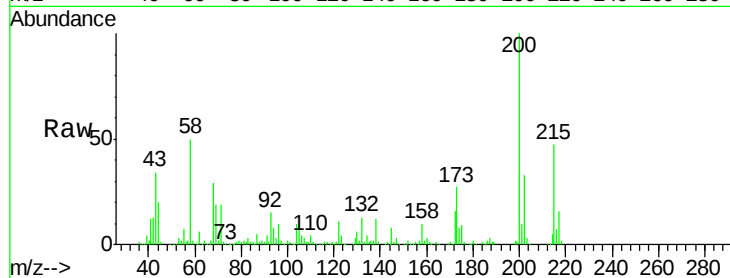




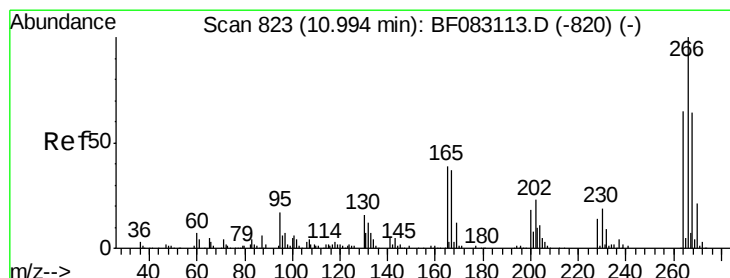
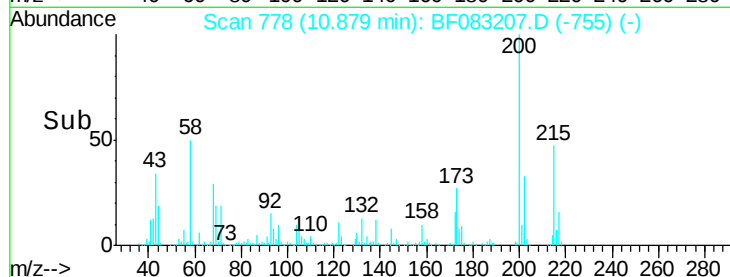
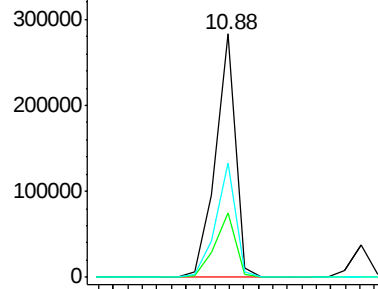
#68
Atrazine
Concen: 39.97 ng
RT: 10.88 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 273374
Ion Ratio Lower Upper
200 100
173 26.5 7.2 47.2
215 47.2 25.7 65.7

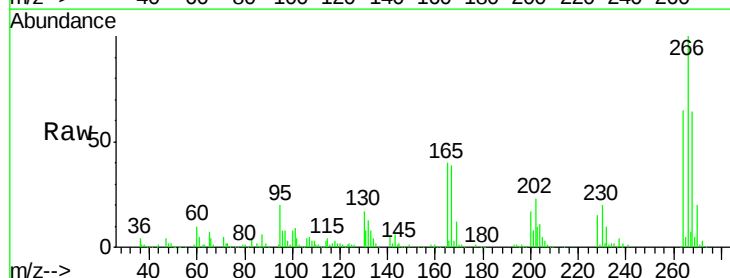


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

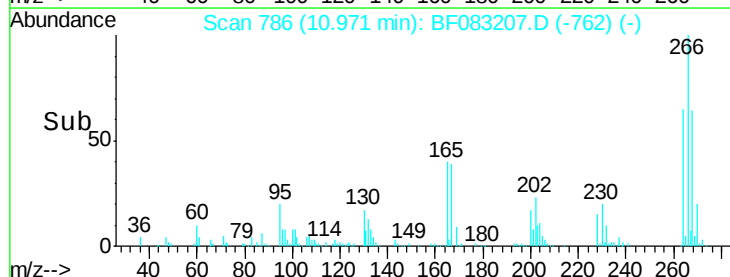
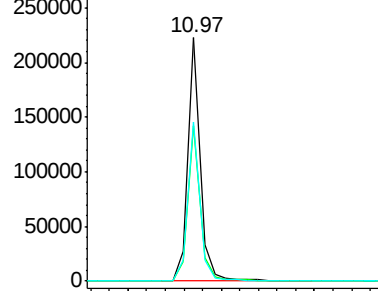


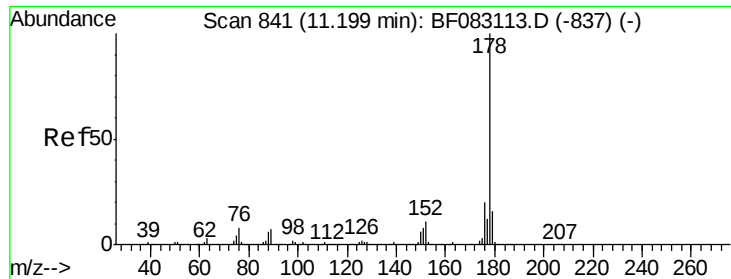
#69
Pentachlorophenol
Concen: 37.34 ng
RT: 10.97 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion:266 Resp: 205817
Ion Ratio Lower Upper
266 100
268 63.8 51.4 77.0
264 65.2 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

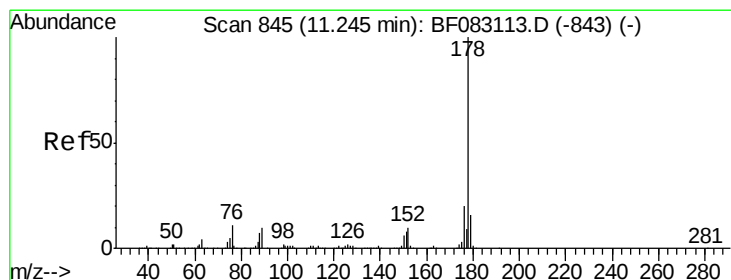
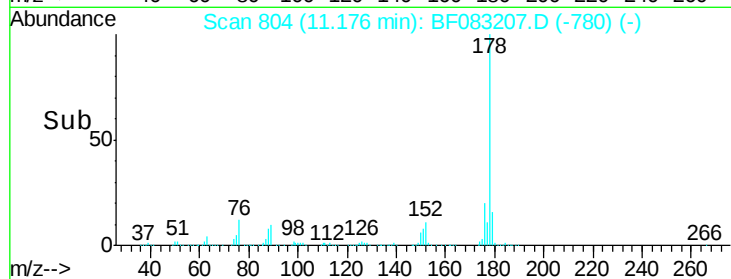
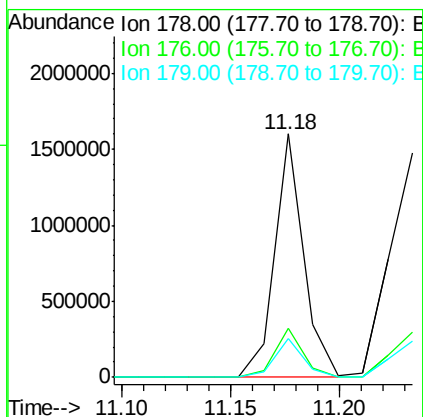
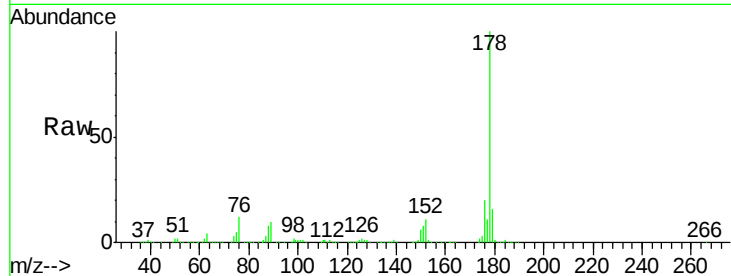




#70
Phenanthrene
Concen: 37.58 ng
RT: 11.18 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

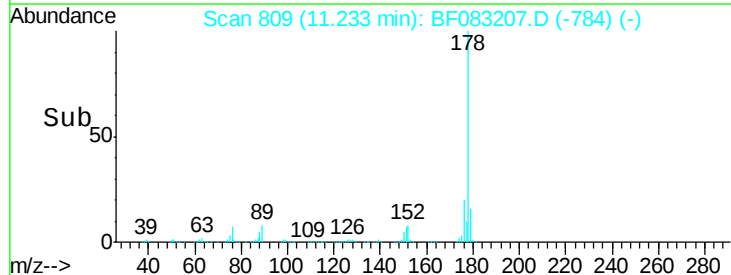
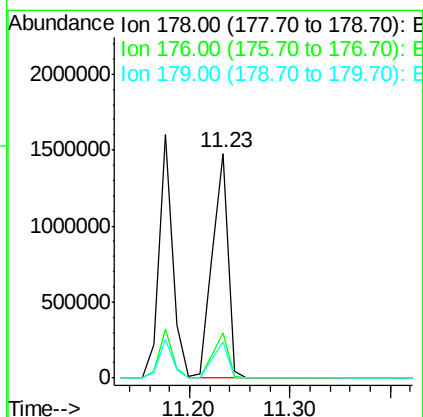
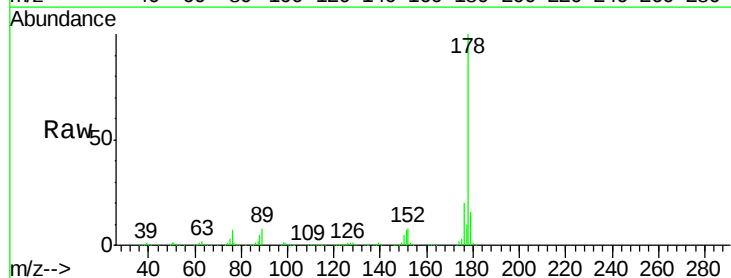
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

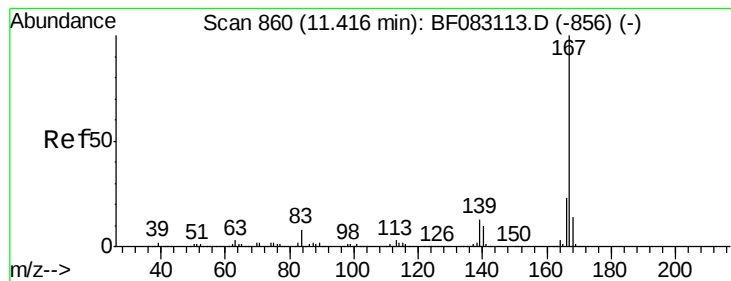
Tgt Ion:178 Resp: 1499228
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 16.0 12.8 19.2



#71
Anthracene
Concen: 39.57 ng
RT: 11.23 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion:178 Resp: 1610613
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.3 13.2 19.8





#72

Carbazole

Concen: 41.13 ng

RT: 11.39 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

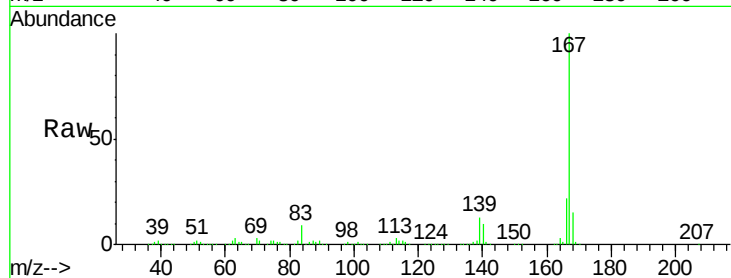
Tgt Ion:167 Resp: 1488343

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

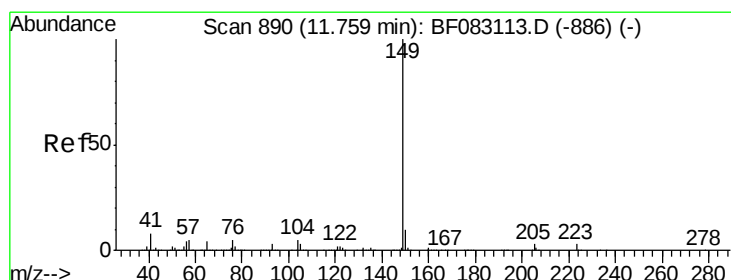
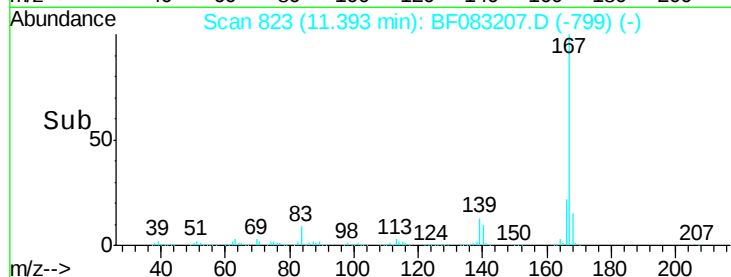
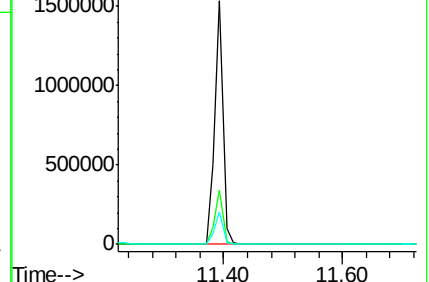
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.53 ng

RT: 11.74 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

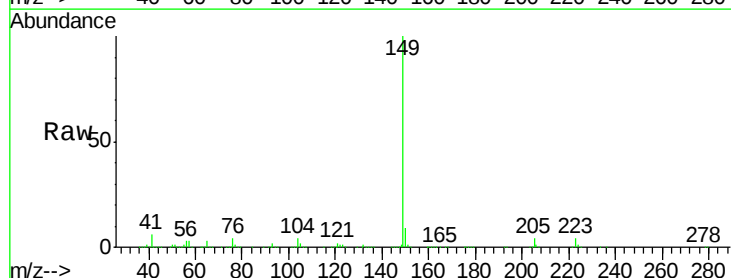
Tgt Ion:149 Resp: 1613246

Ion Ratio Lower Upper

149 100

150 9.3 8.0 12.0

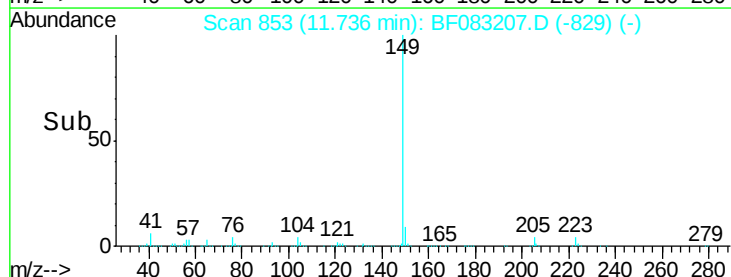
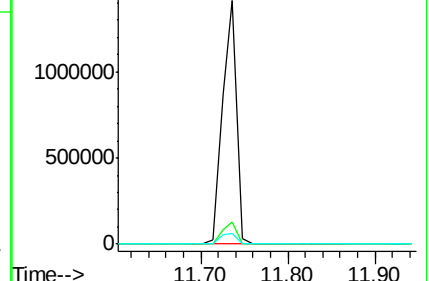
104 4.3 4.4 6.6#

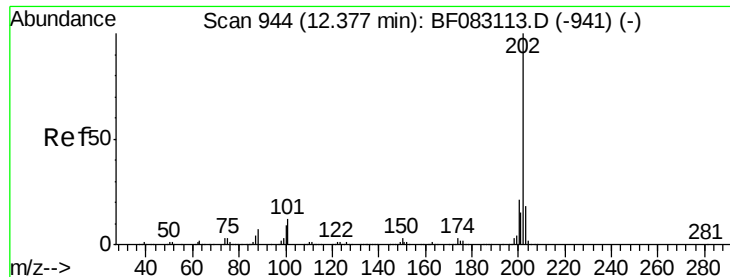


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.25 ng

RT: 12.35 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

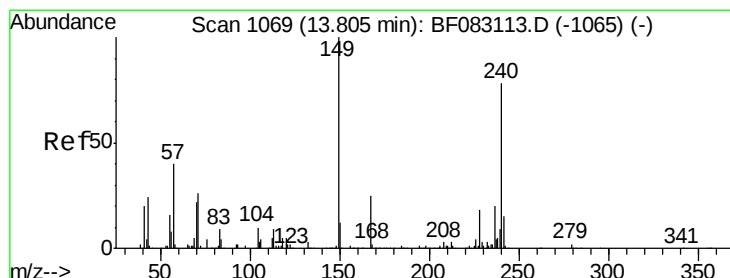
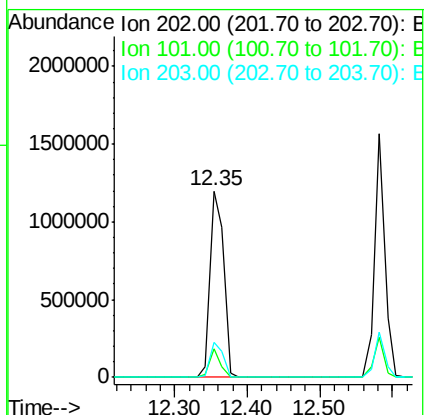
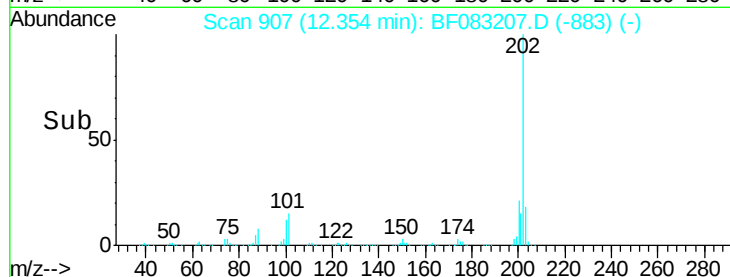
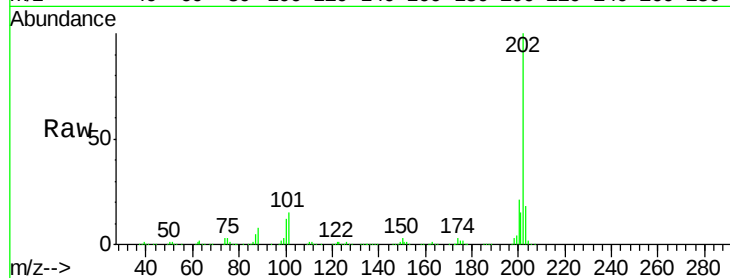
Tgt Ion:202 Resp: 1562101

Ion Ratio Lower Upper

202 100

101 15.2 0.0 32.3

203 18.5 0.0 38.4



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

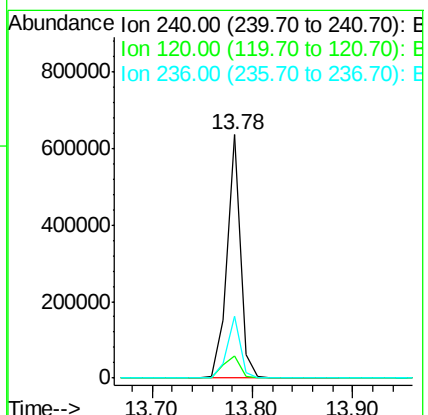
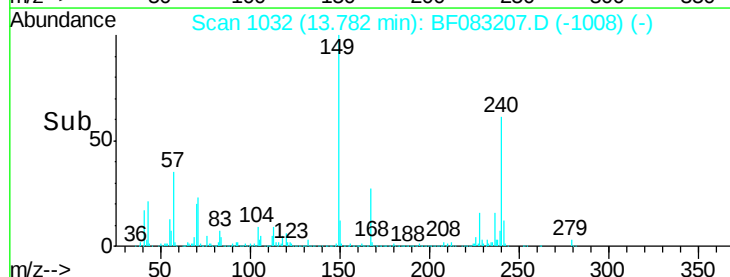
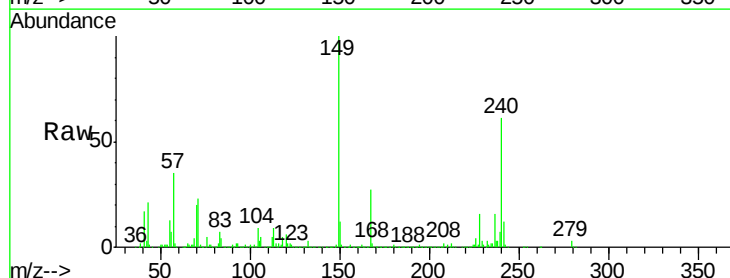
Tgt Ion:240 Resp: 591567

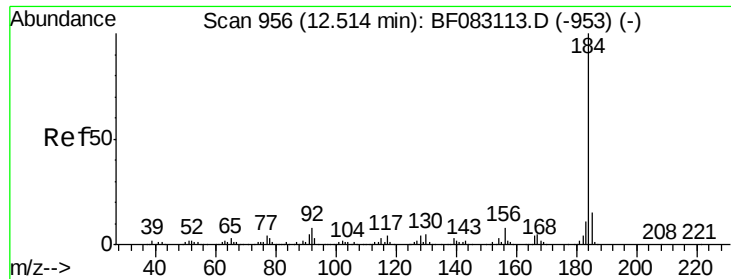
Ion Ratio Lower Upper

240 100

120 9.0 5.4 8.2#

236 25.4 20.6 31.0

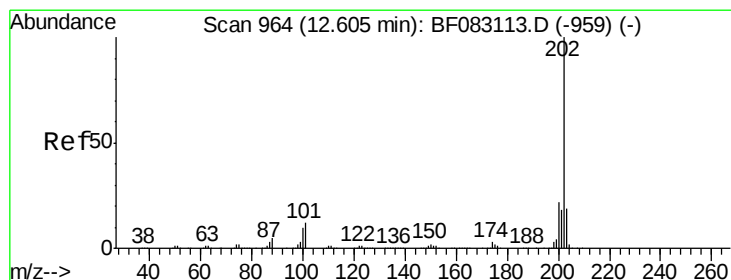
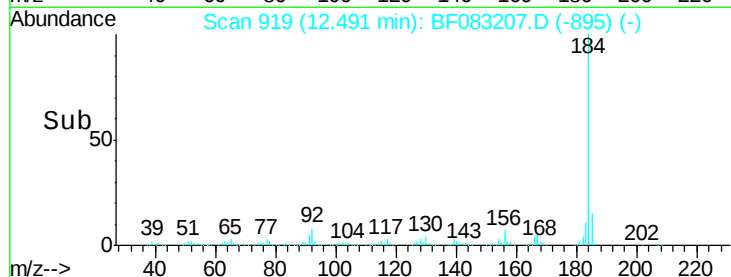
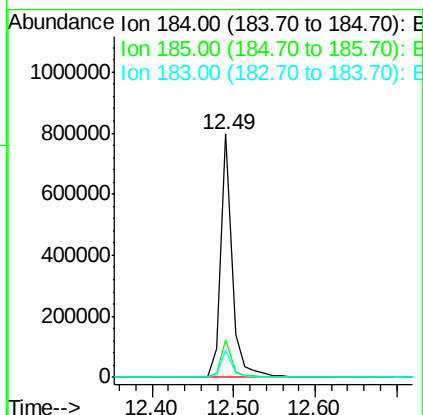
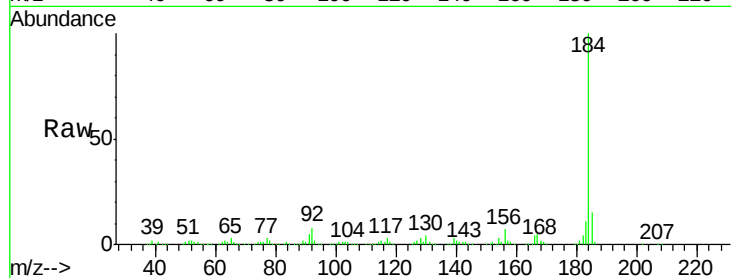




#76
Benzidine
Concen: 49.62 ng
RT: 12.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

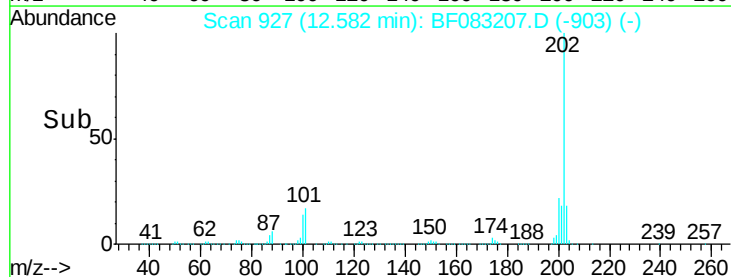
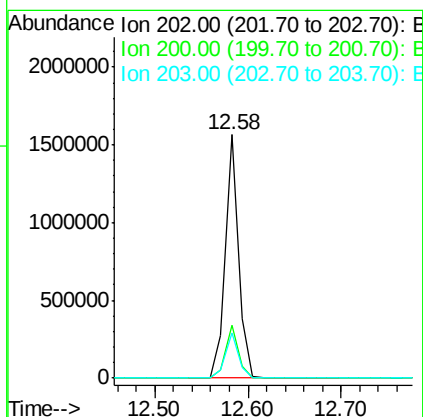
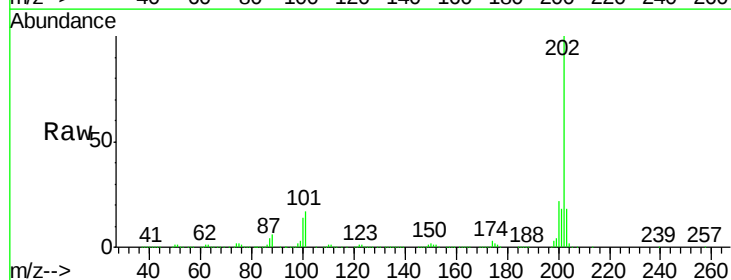
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

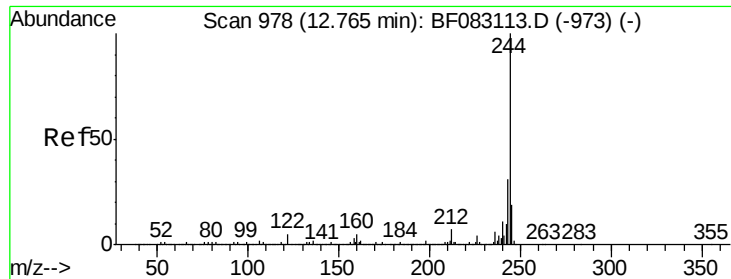
Tgt Ion:184 Resp: 769407
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 11.2 8.8 13.2



#77
Pyrene
Concen: 38.19 ng
RT: 12.58 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion:202 Resp: 1543458
Ion Ratio Lower Upper
202 100
200 21.6 17.8 26.6
203 18.3 15.0 22.4





#78

Terphenyl-d14

Concen: 76.56 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

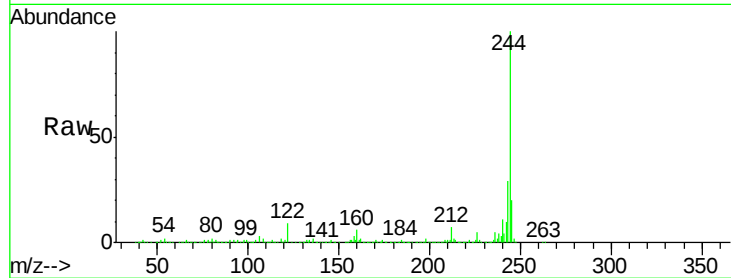
Tgt Ion:244 Resp: 1923353

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

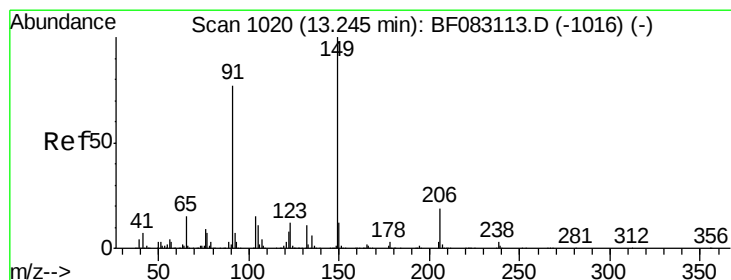
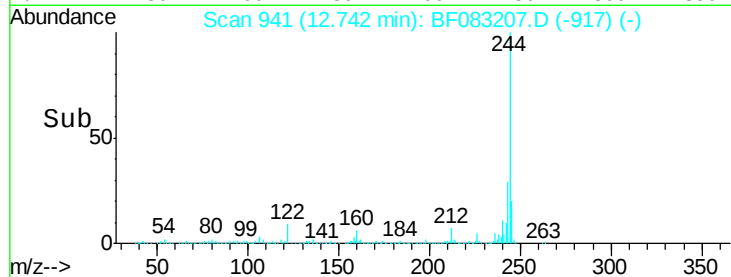
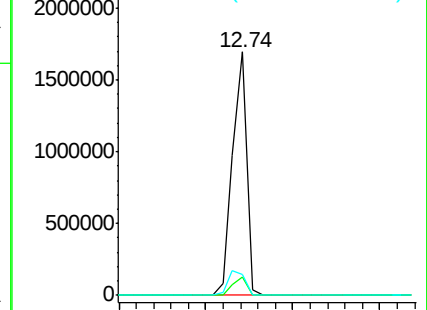
122 8.5 4.3 6.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.13 ng

RT: 13.22 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

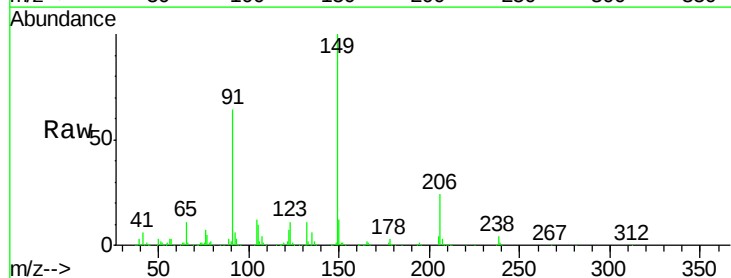
Tgt Ion:149 Resp: 729255

Ion Ratio Lower Upper

149 100

91 64.1 61.5 92.3

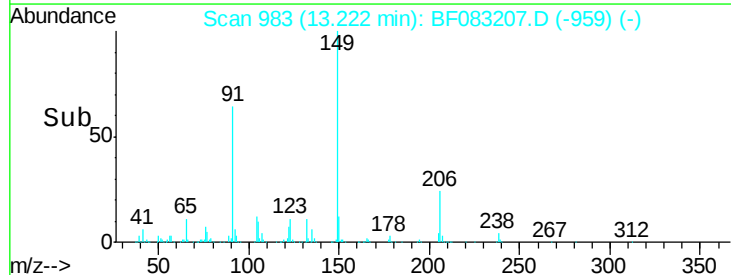
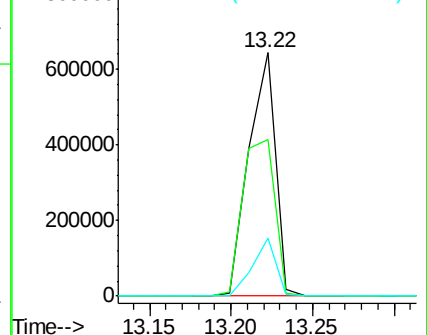
206 23.8 15.3 22.9#

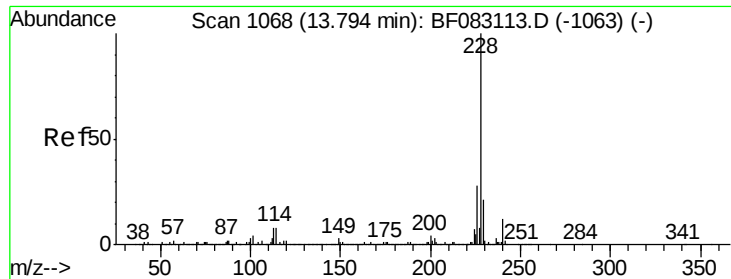


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.23 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

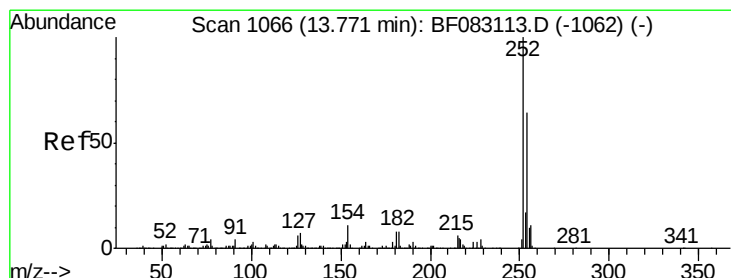
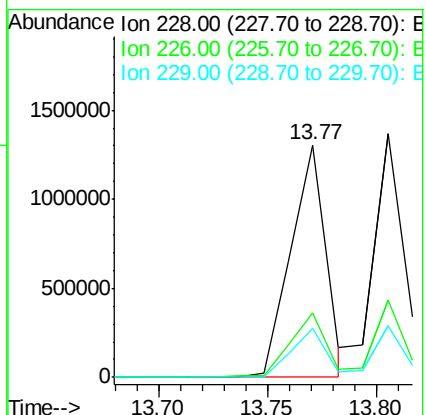
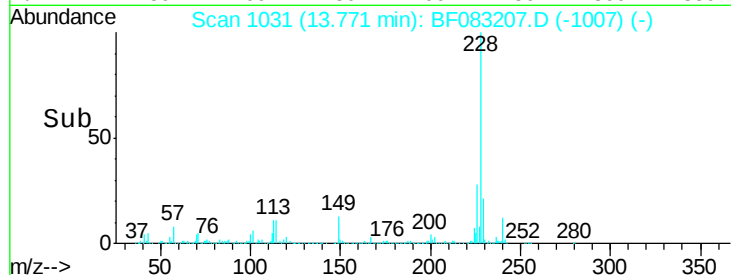
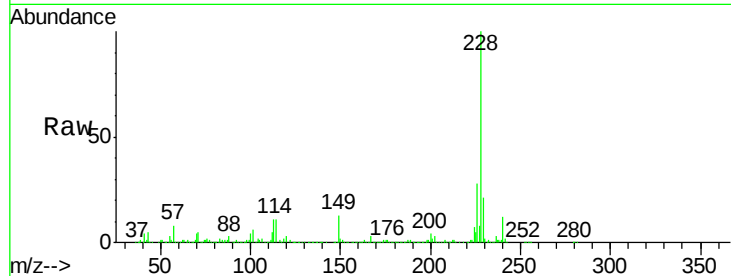
Tgt Ion:228 Resp: 1471766

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

229 20.8 16.6 24.8



#81

3,3'-Dichlorobenzidine

Concen: 40.12 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

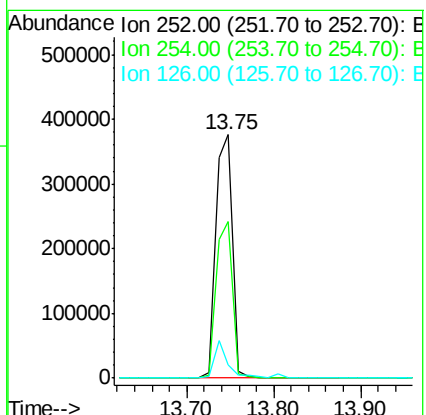
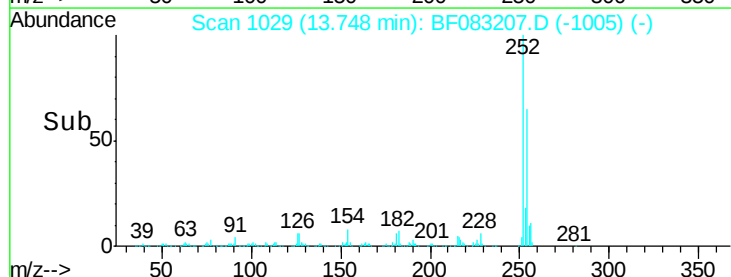
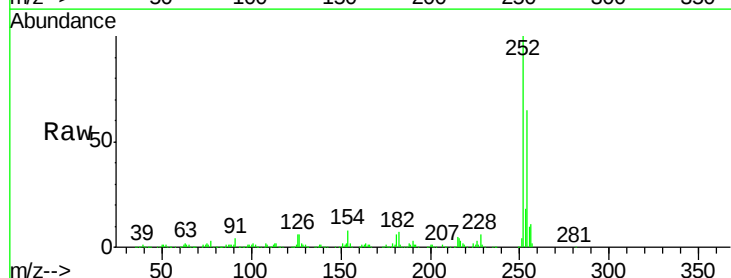
Tgt Ion:252 Resp: 510887

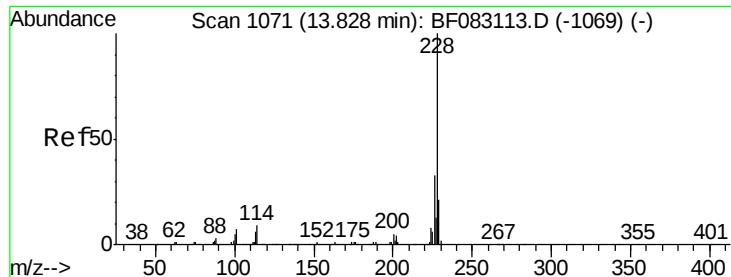
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 5.6 5.2 7.8





#82

Chrysene

Concen: 35.07 ng

RT: 13.81 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

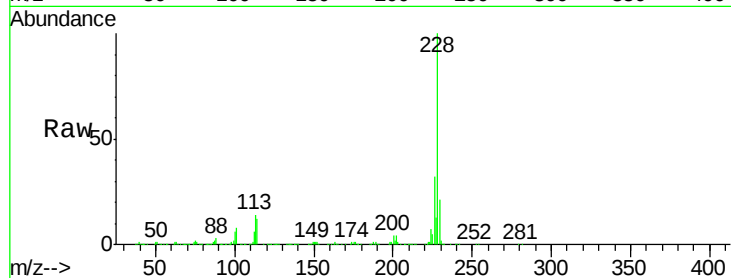
Tgt Ion:228 Resp: 1189796

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

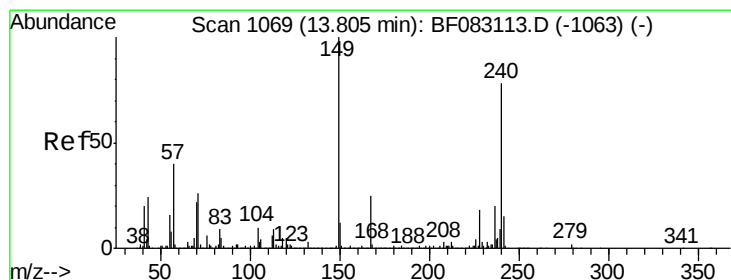
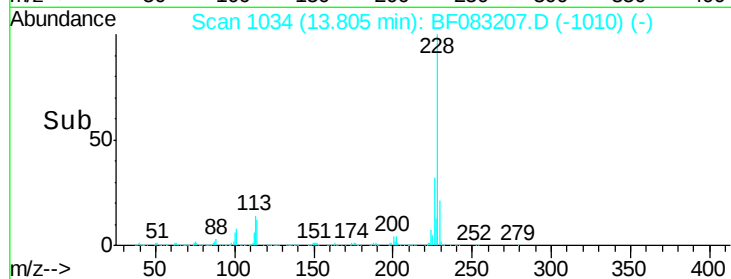
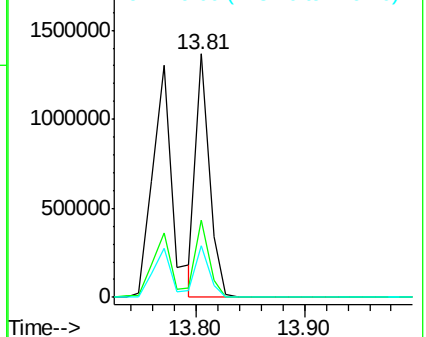
229 21.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.96 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

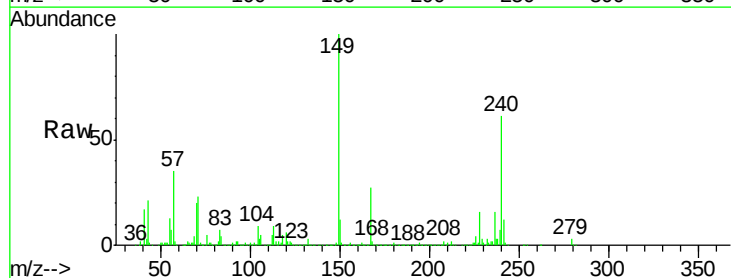
Tgt Ion:149 Resp: 923250

Ion Ratio Lower Upper

149 100

167 26.8 20.1 30.1

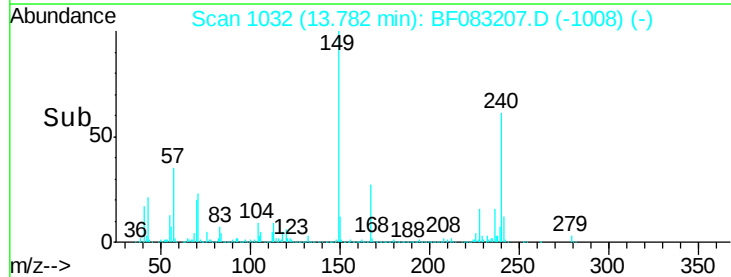
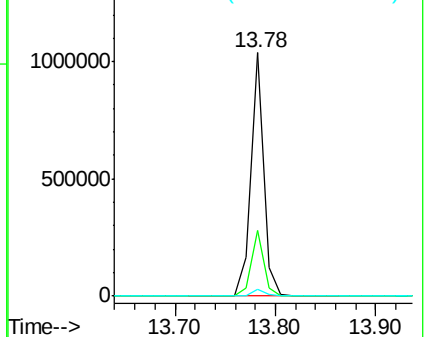
279 2.7 1.7 2.5#

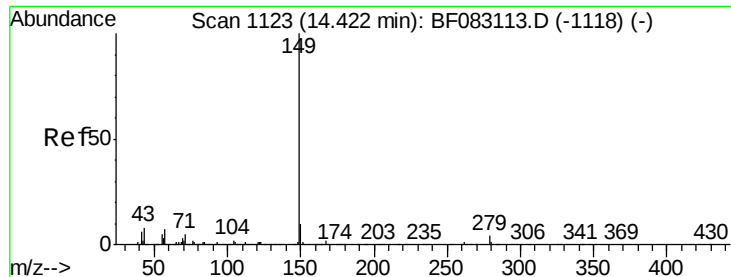


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 36.50 ng

RT: 14.39 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

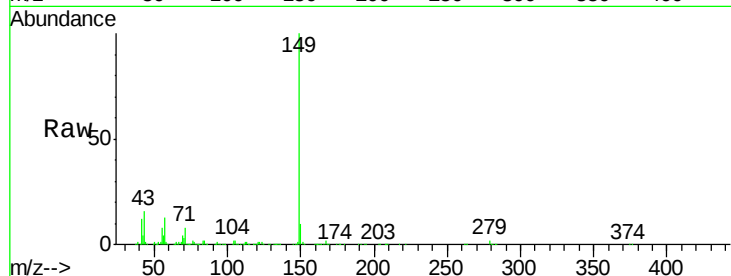
Tgt Ion:149 Resp: 1569549

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

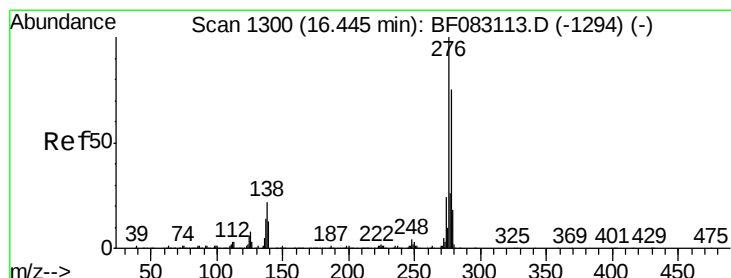
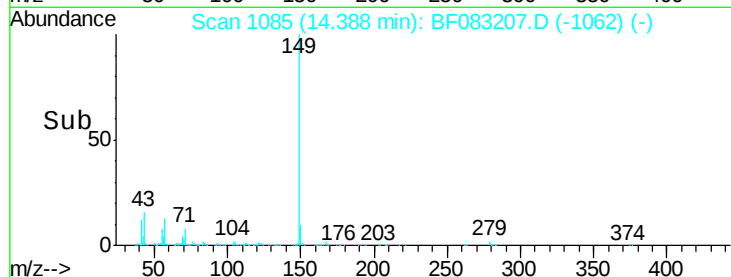
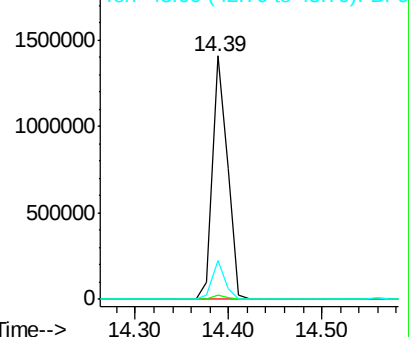
43 13.7 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.89 ng

RT: 16.40 min Scan# 1261

Delta R.T. -0.05 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

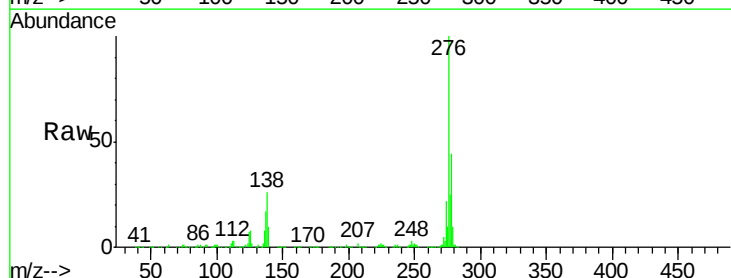
Tgt Ion:276 Resp: 1200269

Ion Ratio Lower Upper

276 100

138 26.8 18.0 27.0

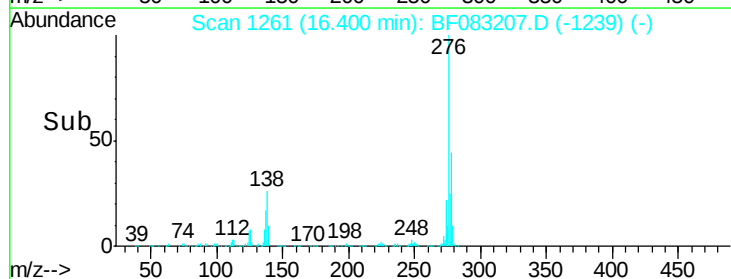
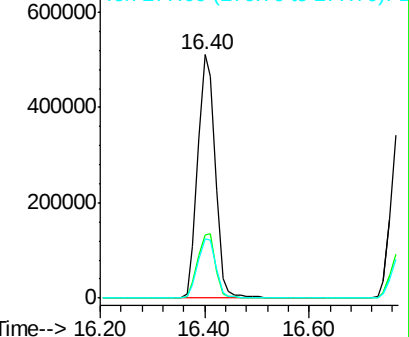
277 25.2 20.2 30.4

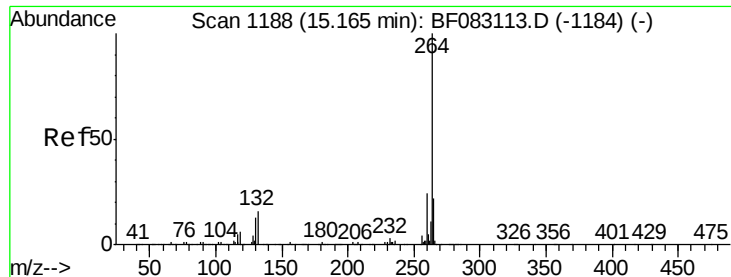


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



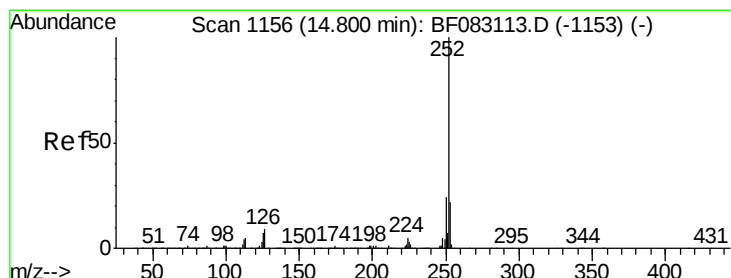
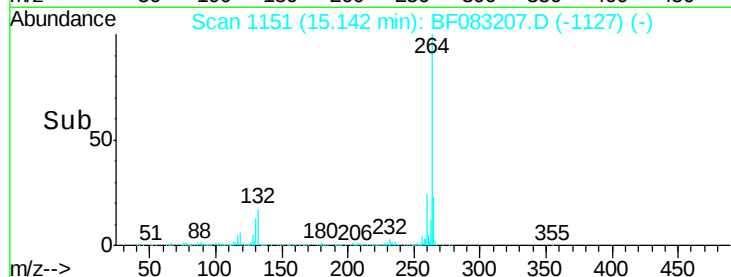
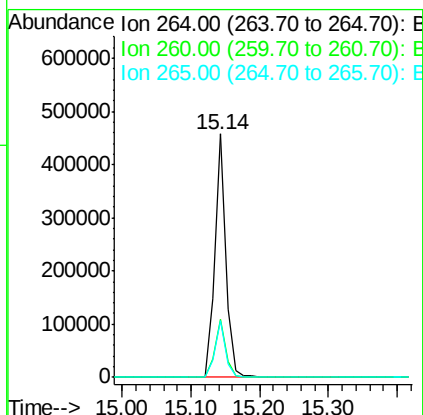
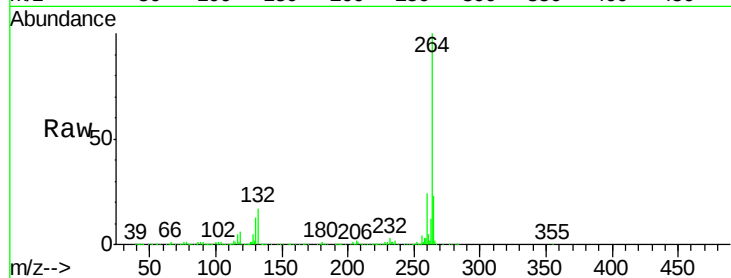


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 522470

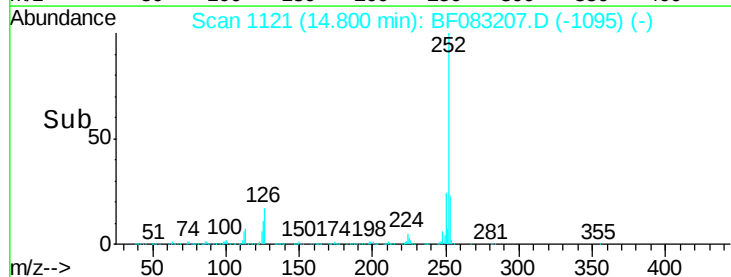
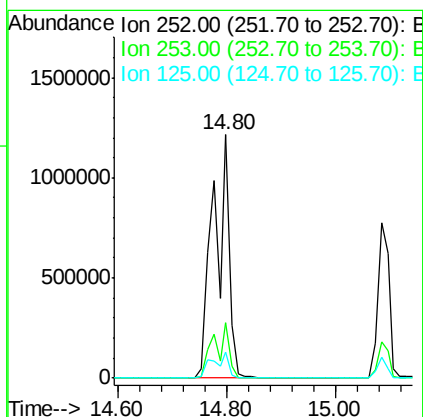
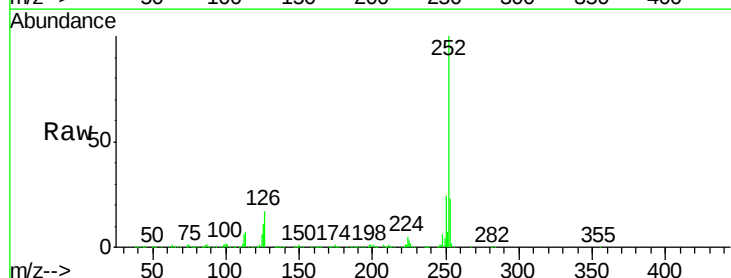
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	23.1	18.2	27.4

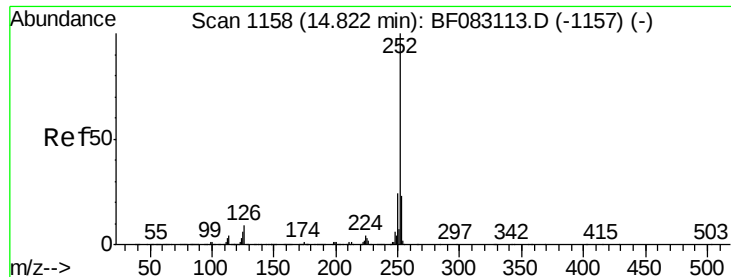


#87
Benzo(b)fluoranthene
Concen: 69.12 ng
RT: 14.80 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion: 252 Resp: 2467534

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	10.7	5.6	8.4

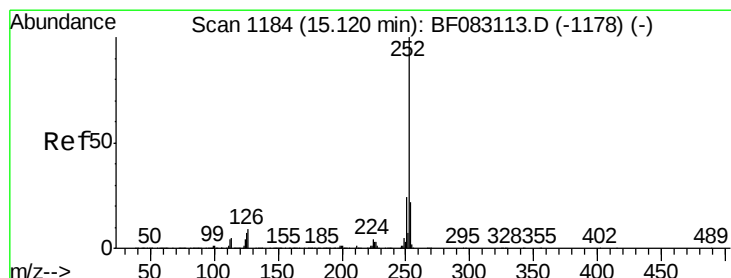
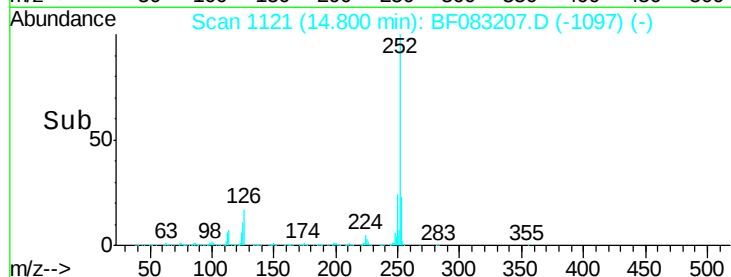
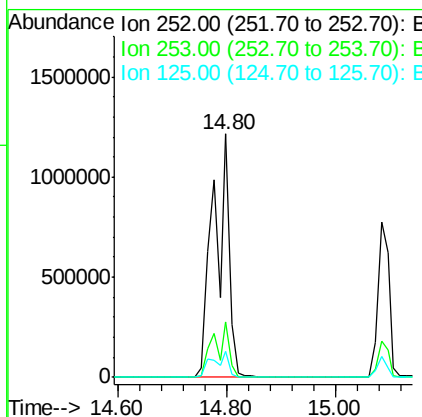
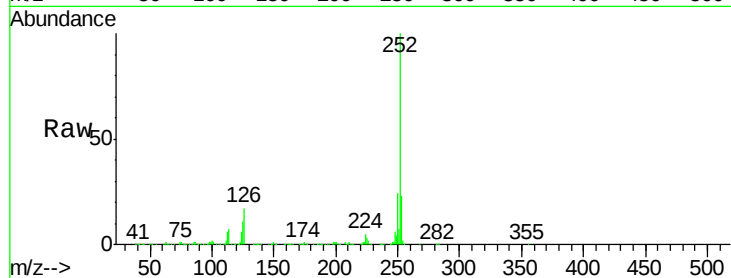




#88
Benzo(k)fluoranthene
Concen: 92.77 ng
RT: 14.80 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

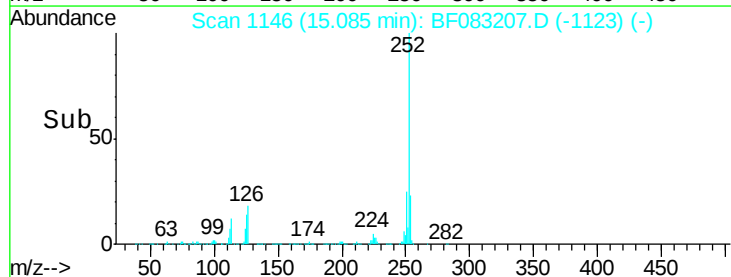
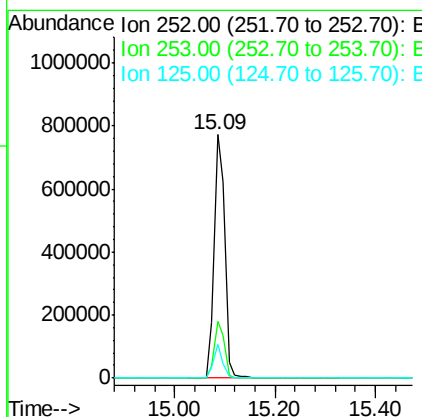
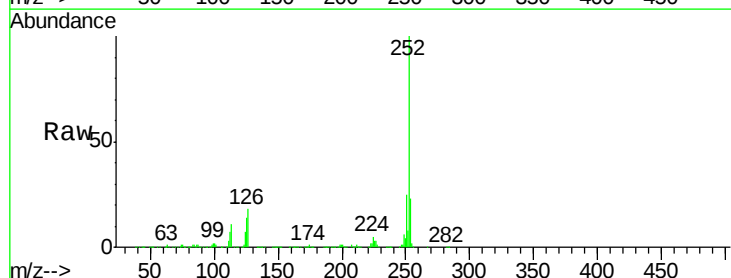
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

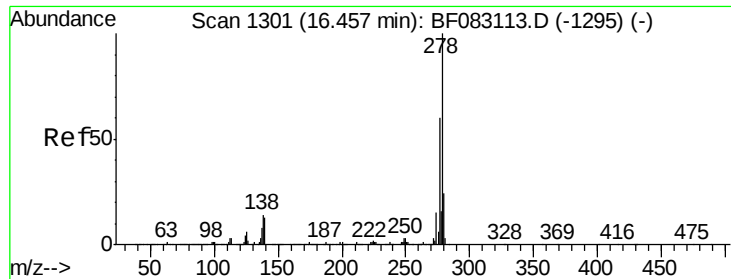
Tgt Ion:252 Resp: 2467534
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 10.7 6.8 10.2#



#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083207.D
Acq: 23 Nov 2015 16:44

Tgt Ion:252 Resp: 1136609
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 13.9 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 37.60 ng

RT: 16.41 min Scan# 1262

Delta R.T. -0.05 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

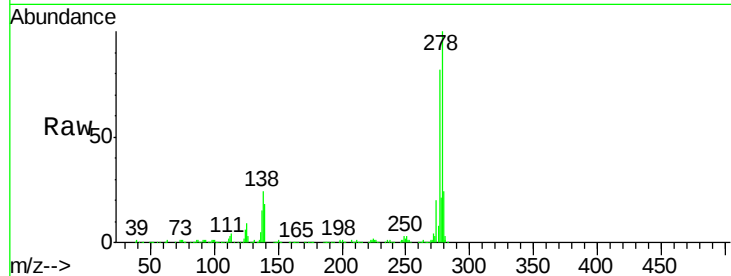
Tgt Ion:278 Resp: 1006636

Ion Ratio Lower Upper

278 100

139 18.4 10.7 16.1#

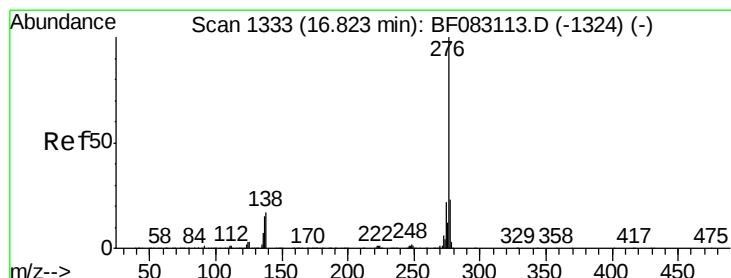
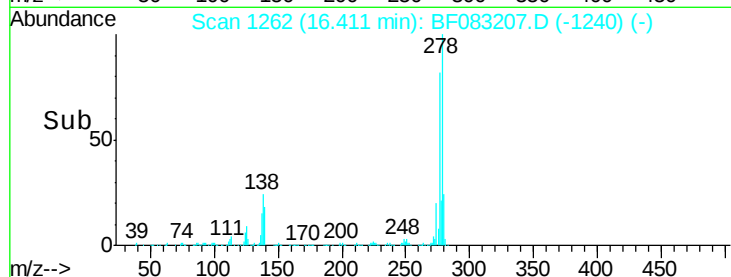
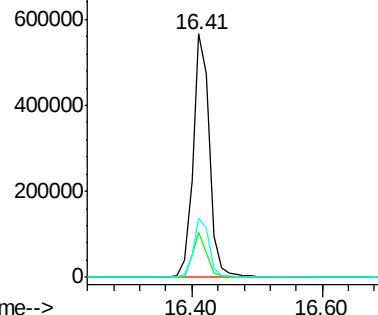
279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.67 ng

RT: 16.78 min Scan# 1294

Delta R.T. -0.05 min

Lab File: BF083207.D

Acq: 23 Nov 2015 16:44

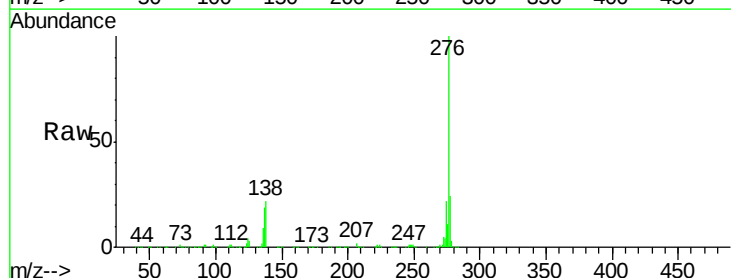
Tgt Ion:276 Resp: 984616

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 22.4 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

